PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Aug. 29	Carthage, N. Y.	Aug. 11
Aug. 31	Pana, Ill.	Aug. 25
Aug. 31	St. Paul, Va.	Aug. 25
Sept. 1	Verona, Pa.	July 21
Sept. 1	Buffalo, N. Y.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 1	Lachute, Que.	Aug. 25
Sept. 6	Kittaning, Pa.	Aug. 18
Sept. 16	Abilene, Tex.	Aug. 25

SEWERS

Aug. 30	Monroe, Mich.	Aug. 18
	Adv. Aug. 18 and 25.	
Aug. 30	St. Louis, Mo.	Aug. 25
Aug. 31	Brooklyn, N. Y.	Aug. 25
Aug. 31	Tippecanoe City, O.	Aug. 25
Sept. 1	Two Rivers, Wis.	Aug. 25
Sept. 1	Glendale, Cal.	Aug. 25
Sept. 1	Long Island City, N. Y.	Aug. 25
Sept. 6	Canton, S. D.	Aug. 18
Sept. 6	Opelousas, La.	Aug. 18
Sept. 6	St. Louis, Mo.	Aug. 18
Sept. 6	Albany, Minn.	Aug. 25
Sept. 6	Palmyra, N. J.	Aug. 25
Sept. 13	Passaic, N. J.	Aug 25

BRIDGES

Aug. 29	Pittsburgh, Pa.	Aug. 18
Aug. 29	Michigan	Aug 18
Aug. 30	Kelso, Wash.	July 28
Aug. 30	Spencer, Ia.	Aug. 25
Aug. 31	New Jersey	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 1	Marysville, Kan.	Aug. 25
Sept. 2	Genoa Junction, Wis.	Aug. 25
Sept. 3	Madison, W. Va.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 6	Trenton, N. J.	Aug. 25
	Adv. Aug. 25.	
Sept. 7	Kingman, Kan.	June 30
Sept. 7	Muscatine, Ia.	Aug. 25
Sept. 7	New Jersey	Aug. 25
Sept. 12	Middlebourne, W. Va.	Aug. 25
Sept. 15	London, Ont.	Aug. 25
Sept. 16	Columbus, O.	Aug. 25

EXCAVATION AND DREDGING

Aug. 29	Bozeman, Mont.	Aug. 25
Aug. 31	Newton, Ill.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 1	Pelee Island, Ont.	Aug. 25
Sept. 6	Mason City, Ia.	Aug. 11
Sept. 6	Oskaloosa, Ia.	Aug. 25
Sept. 8	Aitken, Minn.	Aug. 18

STREETS AND ROADS

Aug. 26	New York	Aug. 18
	Adv. Aug. 18 and 25.	
Aug. 29	Ft. Worth, Tex.	Aug. 18
Aug. 29	Quitman, Tex.	Aug. 18
Aug. 29	Seattle, Wash.	Aug. 18
Aug. 29	California	Aug. 18
Aug. 29	Louisiana	Aug. 18
Aug. 29	Louisiana	Aug. 18
Aug. 30	Troy, Kan.	Aug. 25
Aug. 30	Washington	Aug. 4
Aug. 30	Durham, N. C.	Aug. 18
Aug. 30	Maryland	Aug. 18
	Adv. Aug. 18 and 25.	
Aug. 30	New Mexico	Aug. 18
Aug. 30	Saginaw, Mich.	Aug. 25
Aug. 30	West Frankfort, Ill.	Aug. 25
Aug. 30	Eureka, Ill.	Aug. 25
Aug. 30	Elgin, Ill.	Aug. 25
Aug. 30	Spencer, Ia.	Aug. 25
Aug. 30	New York, N. Y.	Aug. 25
Aug. 30	New Castle, Pa.	Aug. 25
Aug. 31	Hiawatha, Kan.	Aug. 4
Aug. 31	New Jersey	Aug. 18
	Adv. Aug. 18 and 25.	
Aug. 31	Allison, Ia.	Aug. 25
Aug. 31	Brooklyn, N. Y.	Aug. 25
Sept. 1	Fairmont, Minn.	Aug. 11
Sept. 1	Oakwood (Dayton P. O.), O.	Aug. 25
Sept. 1	Lachute, Que.	Aug. 25
Sept. 1	Denver, Col.	Aug. 25
Sept. 2	Ottawa, Kan.	Aug. 4
Sept. 2	Rolling Fork, Miss.	Aug. 18
Sept. 2	Bellaire, Mich.	Aug. 25
Sept. 2	Hillsdale, Mich.	Aug. 25
Sept. 3	Cleveland, O.	Aug. 25
Sept. 6	California	Aug. 25
Sept. 6	Seattle, Wash.	Aug. 18
Sept. 6	Burlington, N. J.	Aug. 18
Sept. 6	Minneapolis, Minn.	Aug. 18
Sept. 6	Grundy Center, Ia.	Aug. 25
Sept. 6	New Jersey	Aug. 25
Sept. 6	Vicksburg, Miss.	Aug. 25
Sept. 6	Slayton, Minn.	Aug. 25
Sept. 6	Hot Springs, S. D.	Aug. 25
Sept. 7	Aitkin, Minn.	Aug. 25
Sept. 7	Muscatine, Ia.	Aug. 25
Sept. 9	Alabama	Aug. 18
Sept. 12	Louisiana	Aug. 25
Sept. 16	Junction City, Kan.	Aug. 25
Sept. 19	Clarksville, Tex.	Aug. 25

INDUSTRIAL WORKS

Aug. 29	Milwaukee, Wis.	Aug. 25
Sept. 3	London, Ont.	Aug. 25
Sept. 7	Harrisburg, Pa.	Aug. 18
	Adv. Aug. 18 and 25.	

BUILDINGS

Aug. 28	Beaumont, Tex.	Aug. 25
Aug. 29	Cleveland, O.	Aug. 4
Aug. 29	Nashville, Tenn.	Aug. 11
Aug. 29	Struthers, O.	Aug. 18
Aug. 30	Mt. Vernon, Ind.	Aug. 4
Aug. 30	Webster City, Ia.	Aug. 11
Aug. 30	Fairfield, Ia.	Aug. 18
Aug. 30	Philadelphia, Pa.	Aug. 18
Aug. 30	Malden, Mass.	Aug. 18
Aug. 30	Newton, Ill.	Aug. 25
Aug. 31	Coney Island, N. Y.	Aug. 25
Sept. 1	Oak Park, Ill.	Aug. 25
Sept. 1	Champaign, Ill.	Aug. 25
Sept. 1	Bascom, O.	Aug. 4
Sept. 1	Colorado	Aug. 18
Sept. 1	Blanford, Mass.	Aug. 18
Sept. 1	Upper Darby, Pa.	Aug. 18
Sept. 1	Mahanoy City, Pa.	Aug. 18
Sept. 2	Brooklyn, N. Y.	Aug. 25
Sept. 2	Rochester, N. Y.	Aug. 25
Sept. 6	Lincoln, Neb.	July 21
Sept. 6	Mankato, Minn.	Aug. 18
Sept. 6	Joliet, Ill.	Aug. 25
Sept. 6	Perrysburg, N. Y.	Aug. 25
Sept. 6	Cedar Grove, Wis.	Aug. 25
Sept. 7	Ravenna, O.	Aug. 25
Sept. 8	Pittsburgh, Pa.	Aug. 25
Sept. 9	Ravenna, O.	Aug. 4
Sept. 12	Shelby, Mich.	Aug. 25
Sept. 15	Detroit, Mich.	Aug. 25
Sept. 16	Great Bend, Kan.	Aug. 11
Sept. 16	Kearney (Arlington P. O.) N. J.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 20	Detroit, Mich.	Aug. 25
Oct. 1	Williamsport, Pa.	Aug. 4

FEDERAL GOVERNMENT WORK

Aug. 29	Alterations to Post Office — Eugene, Ore.	Aug. 11
Aug. 29	Reservoir —Chicago, Ill.	Aug. 18
Aug. 30	Hospital—Lake City, Fla.	Aug. 4
Aug. 31	Dredging, Detroit, Mich.	Aug. 4
Aug. 31	Sprinkler System—Charleston, S. C.	Aug. 11
Aug. 31	Ash Bunker, Power House Extension, etc.—Annapolis, Md.	Aug. 11
Aug. 31	Gun Shed—Norfolk, Va.	Aug. 11
Aug. 31	Power Plant Impvts. — Lake Denmark, N. J.	Aug. 25
Aug. 31	Quay Wall—Norfolk, Va.	Aug. 25
Sept. 1	Alterations to Post Office—Muncie, Ind.	Aug. 25
Sept. 2	Barges—Pittsburgh, Pa.	Aug. 11
	Adv. Aug. 11 to 25.	
Sept. 5	Wreck Removal — Norfolk, Va.	Aug. 11
	Adv. Aug. 11 to 25.	
Sept. 5	Steel Barges — Memphis, Tenn.	Aug. 11
	Adv. Aug. 11 to 25.	
Sept. 6	Alterations to Post Office—Greensboro, N. C.	Aug. 25
Sept. 6	Water-proofing Walls—Newport, R. I.	Aug. 25
Sept. 6	Refrigerating Plant—Alexandria, La.	Aug. 25
Sept. 7	Dredging—Phila., Pa.	
	Adv. Aug. 11 to 25.	
Sept. 7	Quay Wall Extension—San Diego, Cal.	Aug. 11
Sept. 7	Riprapping Dike — Mare Island, Cal.	Aug. 11
Sept. 7	Dredging and Filling, etc.—San Diego, Cal.	Aug. 11
Sept. 7	Crane—South Boston (Boston P. O.), Mass.	Aug. 11
Sept. 7	Crane — Puget Sound, Wash.	Aug. 11
Sept. 14	Pumping Units — Denver, Col.	July 28
Sept. 15	Airship Hangar—Belleville, Ill.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 19	Dredging—Detroit, Mich.	Aug. 25
Sept. 21	Machine Shop—Pearl Harbor, H. T.	Aug. 11
Sept. 22	Emergency Dams — Seattle Wash.	Aug. 11
	Adv. Aug. 11 to 25.	

MISCELLANEOUS

Aug. 30	Stations—Phila., Pa.	Aug. 18
Aug. 30	Vitr. Segment Sewer Block, etc.—Ottawa, Ont.	Aug. 25
Aug. 30	Breakwater—Racine, Wis.	Aug. 25
Aug. 30	Bituminous Dressing—Trenton, N. J.	Aug. 25
Aug. 31	Culverts, etc.—New Jersey	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 1	Incinerators — Houston, Tex.	Aug. 18
Sept. 1	Wharf and Transit Shed—Houston, Tex.	Aug. 18
Sept. 2	Motor Truck, Wauwatosa, Wis.	Aug. 18
Sept. 2.	Heating and Ventilating Apparatus—Newtown (Flushing P. O.) N. Y.	Aug. 25
Sept. 7	Dredge—Belzoni, Miss.	Aug. 11
	Adv. Aug. 11 to 25.	
Sept. 7	Culverts—Salem, N. J.	Aug. 25
	Adv. Aug. 18 and 25.	
Sept. 9	Piers—Phila., Pa.	Aug. 18
	Adv. Aug. 18 and 25.	
Sept. 12	Garbage Disposal—Providence, R. I.	Aug. 11
	Adv. Aug. 11 to 25.	
Sept. 17	Railway Ties — Toronto, Ont.	Aug. 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Va., Williamson—City reained Hill & Ferguson, consult. engrs., 112 East 19th St., New York City, to prepare plans for improving waterworks and sewerage sytem.

S. D., Mitchell—City plans to extend water mains. About $75,000. F. J. Hansen, city engr.

Mich., Springwells—B. P. Esper, village clk., soon receives bids constructing water-mains in Mead, Ternes, Town Line, Scott, Argyle, Drysdale, Steadman, Thayer Vernor, Brandt and Grove Aves., involving 6,330 ft. 10 in., 10,840 ft. 8 in. and 16,700 ft. 6 in. c.i. pipe.

Minn., LeRoy—City having plans prepared extending water mains. About $15,000. W. E. Buell, 205 Davidson Bldg., Sioux City, Ia., engr.

Tex, Texline—City voted $55,000 bonds to construct water system and electric light plant. J. H. Bender, Clayton, N. M., engr.

BIDS DESIRED

Va., St. Paul—Until Aug. 31, by C. C. Bolton, mayor, building 100,000 gal. rein.-con. reservoir, filter plant, and laying 8,000 ft. c. i. pipe. W. W. Bennett, Rocky Mount., engr.

Ill., Pana—Until Aug. 31, by city, c/o Water Supply Dept., reconstructing 5,000,000 gal. reservoir. About $75,000. A. C. Stanfield, city engr. Noted Mar. 24.

Tex., Abilene—Until Sept. 16, by Comrs. Court, constructing 16 mi. pipe line and storage basin, involving 100,000 cu.yd. earth excav. W. A. Kiney, Abilene, engr. Separate bids on storage basin.

Okla., Pryor Creek—V. V. Long & Co., engrs., Colcord Bldg., Oklahoma City, receiving bids building water purification and electric pumping plants, also 8 mi. transmission line, for city. About $75,000. Noted July 7.

Que., Lachute—Until Sept. 1, by A. Tremblay, mayor, extending water works system and building 300 ft. concrete protective wall along south bank of North River, 6 ft. high, 6 ft. wide. About $28,000. A. Sarsfield, c/o Mayor, engr

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., New York**—Dept. Water, Gas & Electricity, Municipal Bldg., let contracts furnishing, delivering and laying water mains and appurtenances in Concord, Jackson, Melrose, Prospect and Trinity Aves., East 144th, East 151st, East 155th and East 158th Sts., Bronx Boro., to Paladino Contg., 437 East 120th St., $139,364; 1st Ave., Dyckman, East 117th, West and Marginal Sts., Manhattan Boro. and Laigh, Pierce and Van Nest Aves., East 138th and Adams Sts., Bronx Boro., to C. Deblasio, 1764 Honeywell Ave., $31,731. Noted Aug. 11.

★**N. J., West New York**—See "Sewers."

★**Mich., Bay City**—City let contract laying force mains and installing river crossings, connecting west side pumping plant with distribution system, to W. J. Meagher, Washington St., $382,063.

★**Mich., Springwells**—Village let contract laying water pipe in Mead, Ternes, Town Line, Scott, Arygyle, Drysdale, Steadman, Thayer and Vernor Aves., involving 33,870 ft. 6, 8 and 10 in. pipe, to J. A. McDace Co., 4036 Fairview Ave., Detroit. About $15,000.

★**Ill., Mattoon**—City let contracts reconstructing "Paradise" reservoir, increasing capacity to 1,000,000,000 gal., concrete work to A. C. Loomis, 321 South 18th St.; dirt work, H. L. Powel, Mattoon. Total cost, about $125,000. Noted Aug. 11.

★**Minn., Atwater**—Village let contract extending watermains, to Pittsburgh-Des Moines Steel Co., Tuttle and S. W. 10th Sts., Des Moines, Ia., at $10,150. Noted Aug. 4.

★**Mo., Poplar Bluff**—City will build addition to waterworks system and relay 2-4-6 in. old mains. About $27,000. Work will be done by day labor. Noted July 7.

★**Tex., Dallas**—City Comrs. let following contracts building water purification plant at White Rock Reservoir with daily capacity 15,000,000 gal.: general contract to Hughes-O'Rourke Constr. Co., Wall and Corinth Sts., $223,794; filter piping and equipment to J. N. Didinger, 1131 Wing-hocking St., Phila., $70,646; steel tanks and towers to Pittsburgh-Des Moines Steel Co., Praetorian Bldg., $7,960. Noted July 21.

★**Okla., Pawkuska**—City let contract building filtration plant, extensions to distribution system, and 2,000,000 gal. capacity steel tank, to Stanton-Ammerman & Co., Wichita, Kan., $165,442.

Sewers

PROPOSED WORK

Va., St. Paul—City plans to build 10,000 ft. vitr. pipe sewers. Bond issue authorized. W. W. Bennett, Rocky Mount, engr.

W. Va., Spencer—State Bd. Control, Charleston, plans to lay sewers and build sewage disposal plant at State Hospital, here. About $25,000. C. E. Collins, Drexel Bldg., Phila., engr.

O., Columbus—City having plans prepared building 3 mi. 15-36 in. sewers in Clinton Dist. 2, along bank of Olentangy River, north of here, to Worthington, cost $160,000; 5,500 ft. sewer in Marion Dist. 1 to connect with city sewerage system at Parsons and Kian Aves., $47,000. E. T. Bradbury, Gugle Bldg., engr.

O., Dayton—City plans to lay 35,000 ft. 6-48 in. vitr. and concrete sewer in Belmont Sanitary Sewer Dist. About $415,000. K. B. Allen, U. B. Bldg., engr.

Ill., Christopher—See "Streets and Roads."

Wis., Milwaukee—J. H. Fowler, secy. Sewerage Comn., receives bids in September furnishing 6,000 tons reinforcing steel, 150,000 bbl. cement, twenty-four 22x236 ft. rein.-con. tanks, 12 sedimentation tanks, 15 ft. deep, 98 ft. square, crushed stone, sand, gravel, etc., for constructing aeration and sedimentation tanks on Jones Island. About $2,000,000. T. C. Hatton, City Hall, engr. Noted Aug. 18 under "Miscellaneous."

Mo., Excelsior Springs—City retained Benham & Mullergren, engrs., Firestone Bldg., Kansas City, to prepare plans and specifications for modern sewage disposal plant of Imhoff type, here. Bonds for above project have been voted. W. R. Bales, city clk.

Tex., Mexia—City election Aug. 30 to vote on $25,000 bond issue to build storm sewers in various streets. J. F. Klotz, Mexia, engr.

Okla., Pawhuska—City election Sept. 6 to vote on $51,000 bonds to complete disposal plant. H. G. Olmsted & Co., Tradesman's Bank Bldg., Oklahoma City, engrs.

Ont., Ottawa—City plans to build storm sewers in Waverly and various other streets, involving 12,000 ft. vitr. and concrete pipe. About $75,000. Work will probably be done by day labor. A. F. Macallum, city engr.

BIDS DESIRED

N. Y., Brooklyn—Until Aug. 31, by E. Riegelmann, boro. pres., Boro Hall, building sanitary sewers in West 35th St. from Canal Ave. to point 600 ft. northerly, Canal Ave. from West 35th to West 37th Sts., West 37th St. between Neptune Ave. and bulkhead line of Gravesend Bay, 73rd St. between 19th and 20th Aves., and 74th St. between 19th and 20th Aves. and 20th Ave. between 73rd and 75th Sts., 76th St. between 10th Ave. and Fort Hamilton Parkway, 61st St. between New Utrecht and 15th Aves., Kermit Pl. between Coney Island Ave. and East 8th St.

N. Y., Long Island City—Until Sept. 1, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., Hunterspoint and Van Alst Aves., building sewers in (1) Marion St. from point about 250 ft. north of Webster Ave. to Washington Ave., 1st Ward, (2) 16th Ave. from New York Connecting Railway to Flushing Ave. and temporary sewer on Flushing Ave. from 16th Ave. to point about 100 ft. westerly, 1st Ward, (3) Strong St. from 51st St. to Tiemann Ave., Tory St. from 51st St. to Tiemann Ave., Unity St. from Corona to Tiemann Aves., Varick St. from Corona to Tiemann Aves., Woodhull St. from Corona to Tiemann Aves., Orontes St. from 51st St. to Corona Ave., Corona Ave. from 51st to Woodhull Sts., Tiemann Ave. from Strong to Woodhull Sts., 2nd Ward, (4) Nostrand Pl. from Jamaica Ave. to crown about 370 ft. north of Jamaica Ave., 4th Ward; tunnel sewer and appurtenances in (5) 13th St. to Fiske Ave., Fiske Ave. from Polk Ave. to Queens Blvd. together with high level sewer in Fiske Ave. from Polk Ave. to Queens Blvd.

N. J., Palmyra—Until Sept. 6, by Palmyra Twp., building 12 mi. 5-30 in. terra cotta sewers in all streets. About $60,000. Remington & Vosbury, 6th and Market Sts., Camden, engrs. Noted Aug. 18.

N. J., Passaic—Until Sept. 13, by Passaic Valley Sewerage Comrs., 128 Market St., Newark, building part of Sect. 19, Garfield-Wallington-Passaic branch intercepting sewer, consisting of Lodi St. River-Crossing, here and Boro of Wallington Bergen and Passaic Counties, involving earth excav., etc., in trench and open excavations for 42 in. c. i. pipe line crossing Passaic River, laying 42 in. c. i. pipe across Passaic River, 350 cu.yd. concrete and 80 cu.yd. brick masonry, 15,000 lb. steel for concrete reinforcement, etc. J. R. Van Duyne, ch. engr.

O., Columbus—W. H. Duffy, dir. Pub. Serv. receiving bids building sewage pumping station on Nelson Rd. Former contracts rescinded. R. H. Simpson, City Hall, engr. Noted Aug. 18.

O., Tippecanoe City—Until Aug. 31, by C. H. Paul, asst. ch. engr., Miami Conservancy Dist., Dayton, excavating and laying 4,000 ft. 12-30 in. vitr. sewer in 4th St. and Bull Run interceptor sewers, here, involving 155 cu.yd. rein.-con., 2,230 cu.yd. concrete, 17,000 cu.yd. earth trenching, 9,600 cu.yd. ditching and 27,000 lb. reinforcing steel. About $65,000.

Wis., Two Rivers—Until Sept. 1, by city, building sewers in various streets, involving 15,713 ft. 6-12 in. vitr. pipe, 752 ft. 8-12 in y's and 41 manholes. J. Doleysh, clk.

Minn., Albany—Until Sept. 6, by Village, building sanitary sewers in various streets, involving 7,663 ft. 6-12 in. pipe, 1,000 ft. 2 in. galvanized pipe, 1,000 ft. fence, 22 manholes, 2 concrete bulkheads, 1 sludge bed, 1 disposal plant, 1 by-pass manhole, etc. About $40,000. Bradley Eng. Service, St. Cloud, engrs.

Mo., St. Louis—Until Aug. 30, by city, c/o E. R. Kinsey, clk., building sewer in Rock Creek Sewer Dist. 6. About $61,000. Private plans. Noted April 21.

Cal., Glendale—Until Sept. 1, by City Council, building sewerage system in Verdugo Canyon. About $30,000. Noted Mar. 31.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro., let contracts building sewer in Jay Ave., etc., to G. L. Schrade, 193 Beach 108th St., Seaside, (a) $26,478, (b) $24,336; Jeffrey Ave., etc., to F. Spinelli, 142 Jefferson St., Brooklyn, $3,087. Noted Aug. 11.

N. Y., New York—H. Bruckner, pres. Bronx Boro., rejected bids opened Aug. 10 building sewers in West Kingsbridge Rd. between existing sewers west of Webb Ave., also Webb Ave., etc. About $35,000. Work will be readvertised. Noted Aug. 18, under "Streets and Roads."

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro., opened bids Aug. 18, building (a) sewage treatment plant in block bounded by Quincy St., Cromwell, Boardman and Scotland Aves.; relay pumping station in (b) Seaside Blvd., (c) Hinschcliff Ave., from Disposal Equipment Co., 165 Bway., New York City, (a) $104,436, (b) $79,871, (c) $104,672; Simpson-Brown & Co., Inc., 90 West St., New York City, (b) $83,988; Frawley-Kaufman Co., (b) $90,876. Noted Aug. 4.

★**N. J., West New York**—City let contract laying sewers, water mains, gas connections, concrete sidewalks and paving 7 blocks Washington St., bituminous concrete or granite block, to G. J. Hornung, 513 16th St. About $35,000.

★**Pa., Phila.**—City let contract building sewer in Pratt St. from Oakland to Loretta Sts., to Oneill Co., 127 East Mermaid Lane. About $115,000.

Pa., Phila.—F. Craven, dir. Bureau Highways, received lowest 3 bids Aug. 17, building sewers in Delaware Ave. from Snyder to Bigler Sts., from E. Pascuzzi, Lincoln Bldg.; A. Devito, Lincoln Bldg.; W. H. Carson, 5000 North Brown St. Cost to exceed $200,000. Unit prices may be obtained by writing Engineering News-Record. Noted Aug. 11.

★**Pa., Pittsburgh**—City let contract building relief sewers in Homewood Dist., to Pittsburgh Paving Co., Bakewell Bldg., $63,538.

★**O., Cuyahoga Falls**—City let contract building 7,000 ft. 12-24 in. intercepting and trunk sewers in West Side Sewerage System, to E. and W. McShaffrey, Rhodes Ave., Akron, $37,968.

O., West Park—Ford Realty & Constr. Co., Cadillac Bldg., Cleveland, received bids laying 28,450 ft. 8-36 in. vitr. sewer in Ford Allotment, from W. B. Smith, 1350 West 89th St., Cleveland, $112,000; N. Iafornaro, 3218 Murray Hill Rd., Cleveland, $118,000. Former bids rejected. Noted July 14.

★**Mich., Detroit**—City let contract to Booth & Flinn, 114 Cadillac Sq., building

Sewers (Continued)

Sect. 4 Bates St. Sewer, $492,556, Alfred St. Arm of Bates St. Sewer, $104,575; G. R. Cooke, 1260 Penobscot Bldg., Sect. 4, Jos. Campau Ave. Sewer, $413,836, Sect. 1, Highland Park Arm, $493,903; W. Porath, 1410 West Grand Blvd., 3rd Ave. Sewer, $51,866; R. D. Baker, 1631 Elmhurst Ave., Six Mile Rd. Sewer, $66,366; Detroit Contg. Co., 827 Ford Bldg., Lateral 3318, $20,933, Lateral 3319, $14,129, Lateral 3320, $13,346, Lateral 3478, $8,055, Lateral 3496, $5,212, Lateral 3498, $5,308; Liberty Constr. Co., 36 State St., Lateral 3420, $3,830; A. Rossi, 1778 East Grand Blvd., Lateral 3468, $9,999; Gustin & Co., McLean Ave., Lateral 3497, $3,022. Noted Aug. 18.

★**Ia., Dubuque**—City let contract building 12-42 in. sewers in Lincoln and Ann Sts., to Even-Uhlrich-Stoner Co., Dubuque. About $60,000.

★**Ia., Indianola**—City let contract building 2 trickling filters, 2 sludge beds, changing septic tanks, etc., involving 2,600 cu.yd. excav., 275 cu.yd. rein.-con. and 1,200 cu. yd. filter stone, to W. B Carter, United Bank Bldg., Sioux City, $37,598. Noted July 28.

★**Mo., Maplewood**—City let contract laying sewers and watermains in various streets, to J. F. Ansbro, Wainwright Bldg., St. Louis. About $40,000. Noted July 21.

Mo., Mexico—City rejected bids building sewage disposal plant and outfall sewers. Black Veach, Interstate Bldg., Kansas City, engrs. Noted Aug. 4.

★**Okla., Ada**—City let contract laying sewers in Dist. 15, to I. E. Hanson, Ada. About $25,000. Noted Aug. 11.

★**Wash., Seattle**—Bd. Pub. Wks. let contract building sewers in Findlay St., et al, to Interstate Constr. Co., Thompson Bldg., $25,730. Noted July 28.

Bridges

PROPOSED WORK

N. C., Grifton—State Highway Dept., Raleigh, plans to build 200 ft. rein.-con. bridge over Contentnea Creek, near here, State Project 594, Lenoir and Pitt Counties. About $25,500. C. M. Upham, Raleigh, State highway engr.

Wis., Sheboygan—City, c/o C. U. Boley, City Hall, having plans prepared building steel bascule type and lift bridge on 8th St., 1,000 ft. long, not including approaches, to have concrete substructure, brick paving drive, 2 sidewalks etc. About $200,000. Klug & Smith, Mack Blk., Milwaukee, engr.

Minn., Faribault—Rice Co. having plans prepared for 2 concrete bridges over Cannon River, one to have two 50 ft. spans, and other one 55 ft. span. About $25,000. F. M. Kaisersatt, aud. C. M. Babcock, 920 Guardian Life Bldg., St. Paul, state highway engr.

Kan., Council Groves—F. A. Robbins, clk. Morris Co., rejected bids opened Aug. 10, building three 14 ft. rein.-con. bridges and three 25 ft. through girder span bridges, 20 ft. roadways. About $25,000. J. McKenzie, Council Groves, engr. Noted Aug. 3.

N. D., Fargo—Cass Co. plans to build 130 ft. concrete and steel bridge over Cheyenne River on Red Trail, 5 mi. west of here, Federal Aid project. About $40,000. W. R. Tucker, aud.

Mo., Boonville—Old Trails Bridge Co., c/o T. A. Johnston, pres., having plans prepared building steel span bridge, over Missouri River. About $500,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, engrs.

Tex., San Augustine—San Augustine Co. having plans prepared for 110 ft. steel truss span, 24 ft. wide, concrete abutments, over Atloyac Creek. About $27,500. W. A. French, San Augustine, engr.

Okla., Bartlesville—See "Streets and Roads."

Wash., Pasco—Inter Co. Bridge Co., Central Bldg., Seattle, having plans prepared building 3,236 ft. toll bridge across Columbia River from here to Kennick, 20 ft. roadway, to have two 252 ft. steel spans, cantilever span with two 232 ft. anchor arms, two 126 ft. cantilever arms and 180 ft. suspended span. About $400,000. M. M. Caldwell, 90 Union Bridge Co., Central Bldg., Seattle, ch. engr.

BIDS DESIRED

New Jersey—Until Sept. 7, by State Highway Dept., Broad St. Bank Bldg., Trenton, building bridges 1 and 2 on Route 12, Sect. 5, beginning at Point Pleasant and ending at Washington, Warren Co. About $85,000. C. A. Mead, 790 Broad St., Newark, engr.

N. J., Trenton—Until Sept. 6 (change of date), by Bd. Freeholders Mercer Co., building 375 ft. viaduct, 75 ft. long, on Southard St., involving 500 lb. steel and 1,400 cu.yd. excav., etc. About $200,000. H. Harris, Court House, engr.; advertised in this issue. Noted July 28.

W. Va., Middlebourne—Until Sept. 12, by J. E. Smith, co. clk., constructing one 18 ft. culvert 6 x 8 ft., on Buck Run. Lincoln Dist.; one 45 ft. rein.-con. slab bridge across Sancho Creek at Freelands Crossing, Meade Dist.; one 40 ft. rein.-con. arch bridge across Brush Run, Meade Dist.

O., Columbus—Until Sept. 16, by Comrs. Franklin Co., building 148 ft. bridge over Sciota River on Sandusky St., involving 273 cu.yd. wet and 2,850 cu.yd. dry excav., 422 cu.yd. cyclopean concrete, 113 cu.yd. 1:2:4 concrete and 5,153 lb. steel reinforcements, etc., cost $44,000; 24 ft. concrete bridge, 20 ft. wide, in Jackson Twp., $4,079. C. C. Lattimer, Court House, engr. Noted July 7.

Wis., Genoa Junction—Until Sept. 2, by City, c/o C. Ford, clk., building 80 ft. rein.-con. girder bridge, 25 ft. roadway and two 6 ft. sidewalks. About $25,000. Private plans.

Ia., Muscatine—Until Sept. 7, by Auditor Muscatine Co., constructing 44 box culverts and extensions, one I beam, one circular culvert, one 100 ft. thru truss, one 70 ft., one 50 ft. and one 55 ft. pony truss. F. P. G. Halbfass, co. engr.

Ia., Spencer—Until Aug. 30, by Auditor Clay Co., constructing 18 box culverts and extensions, and three 100 ft. thru truss spans. V. McCown, co. engr.

Kan., Marysville—Until Sept. 1, by A. J. Harvey, clk. Marshall Co., building Gregg Bridge, 40 ft. deck girder; Clear Fork Bridge 60 ft. steel span. About $28,000. R. F. Gallup, Marysville, engr. Noted Aug. 11.

Ont., London—Until Sept. 15, by W. A. McLean, deputy minister, Provincial Highway Dept., Toronto, building 210 ft. steel bridge, 36 ft. wide. About $55,000.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

Conn., Bridgeport—Dept. Pub. Wks. received bids Aug. 16, repairing and strengthening superstructure of Congress St. bridge over Pequonnock River, rein.-con., from T. Stuart & Sons Inc., 222 Pearl St., Newtonville, $38,000; D. O'Connells Sons Co., 480 Hampden St., Holyoke, $38,500; G. M. Bryne, 50 Congress St., Boston, $41,800. Noted June 23.

Conn., New London—City received bids constructing concrete bridge on Crystal Ave. (New London approach to Thames River bridge) from Holbrook Co., Westbrook, $27,607; C. W. Blakeslee & Sons, 58 Waverly St., New Haven, $31,150; Conn. Engr. & Constr. Co., Thayer Bldg., Norwich, $37,000.

★**N. J., Pine Brook**—State Highway Dept., Broad St. Bank Bldg., Trenton, let contract building bridge, here, to Dover Boiler Wks., 90 E. Dickerson St., Dover. About $65,000.

★**Fla., Titusville**—Comrs. Brevard Co. let contract building timber approaches and trestle over Indian River to J. G. Powell, Inverness, $57,981; steel draw to Champion Bridge Co., Wilmington, O., $13,726. Noted May 26.

★**O., Columbus**—Bd. Trustees Ohio University let contract building 340 ft. concrete bridge, over Olentangy River, on University grounds, to N. R. Porterfield, Inc., 411 Federal Bldg., Youngstown, $117,900. Noted July 21.

★**Ill., Decatur**—City let contract constructing Comford Bridge, to Decatur Bridge Co., East Eldorado St. and Chicago & Illinois Western R.R., $154,886. Noted July 21.

★**Ia., Dakotah**—Humboldt Co. let contract building 7 I-beams, 1 pony truss and 17 box culverts, to Heman & Wood, Ft. Dodge, $35,694.

★**Ia., Hampton**—Franklin Co. let contract building 4 bridges, to J. A. Dunkel, Webster City. About $25,000. Noted Aug. 4.

★**Ia., Maquoketa**—Jackson Co. let contract building two 160 ft. through truss spans, steel on concrete piers and abutments, to J. Anderson & Son, Maquoketa, $34,537.

★**Ia., Onawa**—Monona Co. let contracts building 1 concrete arch and 1 pony truss, on Primary Rd. 38, to Pickus Eng. & Constr. Co., Sioux City, $15,338; 1 pony truss, 36 box and 2 circular culverts, to Voiles Constr. Co., Turin, $16,300.

★**Kan., Topeka**—City let contract constructing bridge over Ward Creek on Rooseville St., to F. Luttjahnn, 1122 West 2d St., Topeka. Noted July 28.

★**S. D., Belle Fourche**—Butte Co. let contract building steel truss bridge over Belle Fourche River on Oak St., to Allied Contractors Co., 404 Peters Trust Bldg., Omaha, Neb. About $29,000. Noted July 21 under South Dakota.

★**Missouri**—State Highway Dept., Trenton, let contract building two 120 ft. steel span trusses and two 30 ft. I-Beam approach spans, etc., over east fork of Grand River, at Sta. 447 plus 20, on state road from Jamesport to Trenton, Sect. "A," Federal Aid Project 116, Grundy Co., to St. Joseph Structural Steel Co., St. Joseph, $26,824. Noted July 28.

Tex., Palo Pinto—Palo Pinto Co. received bids building 210 ft. bridge, consisting of three 28 ft. concrete girders and 125 ft. steel span, over Palo Pinto River, near Strawn, from Austin Bros. Bridge Co., 1815 Coombs St., Dallas (S. H. Newton, Weatherford, agt.), $20,314; Tibbetts Constr. Co., Mineral Wells, $21,252; Illinois Steel Bridge Co., Box 352, Dallas, $21,284. Noted Aug. 4.

Dams

PROPOSED WORK

Pa., Phila.—City plans to buid masonry dam to replace wooden one, also power house. Bids will soon be received for test borings. About $750,000. C. E. Davis, City Hall, engr.

Pa., West Chester—Boro plans to build earth dam with concrete core, 380 ft. wide, 18 ft. high, concrete spillway, covering about 14 acres, capacity 22,000,000 gal. Cost to exceed $100,000. B. Franklin, Jr., 1420 Chestnut St., Phila., engr.

Ont., Timmins—Dept. Pub. Wks., Ottawa, soon receives bids building dams at Indian Chutes and Fox Rapids. About $1,500,000. E. D. Lafleur, c/o Dept. Pub. Wks., Ottawa, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Great Barrington**—Southern Berkshire Power & Electric Co., Upper Main St., let contract building rein.-con. dam, penstock and addition to brick and concrete power plant, on Housatonic River, Williamsville Sect., to F. T. Ley & Co., Inc., 499 Main St., Springfield, $150,000; rein.-con. dam at plant, to E. D. Ward Co., 82 Foster St., Worcester. $60,000. Noted June 9 under "Miscellaneous."

Railways

PROPOSED WORK

Maine—A. R. Gould, et al., Presque Isle, plan to build railway line through northern Maine from line of Aroostook Valley Ry. at Washburn, to Fronier Lake, Que., Can. Private plans.

California—California Gypsum Corp., 731 Pacific Finance Bldg., Coyote Wells, having plans prepared for 16 mi. narrow gauge railroad. About $200,000. R. W. Waterman, Hotel Clark, Los Angeles, engr.

★**Michigan**—Detroit United Ry., Interurban Bldg., Detroit, plans to build 1 mi. track on Jos. Campau Ave. through Hamtramck. Work will be done by day labor. About $43,000. J. Kerwin, supt.

Excavation and Dredging

PROPOSED WORK

Fla., St. Augustine—Dredging—City had tentative plans prepared filling in space triangle in shape to provide park area and approaches to new bridge to be built by county over Matanzas River, involving 35,000 cu.yd. earth excav. (to be dredged from river).

BIDS DESIRED

Ia., Oskaloosa—Ditch—Until Sept. 6, by Mahaska Co., building South Skunk River Ditch, Sect. 2 and 3, involving 350,000 cu.yd. excav. R. W. Varlay, co. aud.

Mont., Bozeman—Excavation and Foundation—Until Aug. 29, by State Bd. Examiners, Helena, for excavation and foundation for engineering and shop buildings, at Montana State College Agriculture & Mechanical Arts, here. A. E. McFatridge, secy. F. F. Willson, Bozeman, archt. Noted June 30 under "Buildings."

Ont., Pelee Island—Dredging—Until Sept. 1, by W. Stewart, dredging Curry Marsh. About $25,000. A. Baird, Leamington, engr.

PRICES AND CONTRACTS AWABDED

(★Indicates award of contract)

★**N. Y., New York**—Dredging—M. Hulbert, comr. Docks, Pier "A," foot of Battery Pl., North River, let contract dredging outshore portion of Brooklyn Bridge Impvt., Boro. of Manhattan, Contr. 1694, to New Jersey Shipbuilding & Dredging Corp., foot of 28th St., Bayonne, $31,625. Noted July 21.

Streets and Roads

PROPOSED WORK

N. J., Newton—Bd. Freeholders Sussex Co. plans to improve 1½ mi. road from Franklin to North Church, 18 ft. wide, concrete. W. J. Harden, Newton, engr.

N. J., North Bergen (Weehawken P. O.)—City soon receives bids laying concrete sidewalks, sanitary sewers and paving about 8 blocks, bituminous concrete or granite block. About $100,000. T. Harmon, North Bergen, engr.

North Carolina—State Highway Comn., Raleigh, plans to grade, drain, topsoil and bridge 14.8 mi. State Project 561, Caswell Co., about $118,000; 17 mi. State Project 628, Rockingham Co., $136,000; clear, grub, drain, grade and pave 8 mi. State Project 590, Orange Co., $160,000; pave with concrete or asphalt 1½ mi. road from end Project 55 A to city limits of Charlotte, State Project 589, Mecklenburg Co., $45,000. C. M. Upham, state highway engr.

North Carolina—State Highway Dept., Raleigh, plans to grade, drain, bridge and hard surface 9 mi. road, State Project 568, Orange Co., about $270,000, 9.5 mi. road from Elizabeth City toward Sunbury, State Project 613, Pasquotank and Gates Counties, $300,000; drain, grade, bridge and topsoil 4.3 mi. State Project 564, Hyde Co., $32,000; 14.2 mi. State Project 565, Carteret Co., $100,000, 10.1 mi. State Project 566, Bladen Co., $75,000, 21.2 mi. State Project 567 Robeson Co., $160,000, 16 mi. State Project 619 Duplin and Lenois Counties $128,000, 8.3 mi. State Project 574, Craven Co., $60,000; pave with concrete or asphalt 1 mi. State Project 614, Perquimans Co., $30,000; drain and hard surface 10 mi. road from Newbern to Carteret Co. line, State Project 578, Craven Co., $300,000. C. M. Upham, state highway engr.

N. C., Newton—Catawba Co. plans to grade, drain and gravel surface various roads. About $50,000. Engineer to be selected at once.

N. C., Newton—Catawba Co. plans to grade, drain, and pave with concrete, asphalt or other type hard surface, 6 mi. Maiden-Newton Highway. About $180,000. O. Brown, Long Island, chn. Bd. Co. Comrs.

Fla., Clearwater—Pinellas Co. plans to build 14 mi. road from St. Petersburg to point where proposed Gandy Bridge over Old Tampa Bay lands, brick or asphalt block. About $260,000. Engineer not selected.

Fla., Lake Wales—City plans to pave various streets. About $100,000. J. W. Turner, Lakeland, engr.

La., Ruston—Lincoln Parish will sell $700,000 bonds Aug. 29 to improve Dixie Overland and Pershing Highways. S. J. Heard, pres. Police Jury.

Ohio—Dept. Highways & Pub. Wks., Columbus, rejected bids received Aug. 5, grading, building bridges and culverts and paving 0.93 mi. Sect. "F and Wilmot" Navarre-Berlin Rd., Stark Co., also 1.51 mi. Sect. "T" Warren-Sharon Rd., Trumbull Co. Noted Aug. 11.

Michigan—State Highway Dept., Lansing, plans to grade and drain 20 mi. Federal Aid Project 53, Arenac and Ogemaw Counties. F. F. Rodgers, state highway comr.

Mich., St. Clair—City plans to grade and pave Jay St., involving 6,085 sq.yd. concrete, 4,410 lin.ft. concrete curbing and 2,160 cu.yd. earth excav. About $25,000. G. Champe, city engr.

Ill., Christopher—City plans to grade, pave and build storm sewers in 30 blocks of State, Sylvia, Maple and Victor Sts., involving 21,450 cu.yd. earth excav., 34,200 sq.yd. bituminous concrete, 23,896 lin.ft. concrete curb, 6,300 ft. 10-24 in. sewer pipe. About $172,846. C. B. Mautz, Benton, engr. Noted July 7.

Ill., Marion—City having plans prepared paving various streets in Dist. 18, 30 ft. wide, vitr. brick on concrete base. About $25,000. E. Lewis, Mayor. P. B. Wilson, Marion, engr.

Minn., St. Paul—Ramsey Co. plans to pave 6 mi. highway between here and South St. Paul, including cutoff from Empire to Rich Valley and 2 mi. through South St. Paul. About $150,000. R. R. Godfrey, co. engr.

S. D., Sturgis—City rejected bids opened July 11, paving about 8,000 sq.yd. various streets, concrete. About $28,000. T. H. Johnson, Iowa Bldg., Sioux City, engr.

S. D., Yankton—Yankton Co. soon receives bids grading 15 mi. Meridian Highway. About $40,000. J. D. McCoun, aud. H. H. Corbin, Yankton, engr.

Tex., Austin—G. S. Mathews, judge Travis Co., rejected bids surfacing 9.15 mi. Highway 20, 1 in. bituminous topping, involving 81,110.6 sq.yd. Noted July 7.

Tex., Cameron—Milam Co. having plans prepared clearing, grubbing, grading, surfacing and draining 8.21 mi State Highway 44, involving 43,600 cu.yd. borrow, 24,438 cu.yd. earth roadway and 1,065 cu.yd. structural excav., 700 cu.yd. concrete, 23,200 lb. structural and 51,502 lb. reinforcing steel, 15,388 cu.yd. schist surfacing. Cost $56,875. A. F. Mitchell, co. engr.

Tex., Newton—Newton Co. having plans prepared grading and surfacing Precinct 1, bituminous macadam. Bonds for $200,000. Noted for project. R. A. Booker, Newton, engr.

Tex., Richmond—C. D. Meyers, judge Ft. Bend Co., rejected bids opened Aug. 10, gravel surfacing and bituminous topping 13.01 mi. Highway 36. Noted Aug. 18.

Okla., Bartlesville—Washington Co. election Oct. 4, to vote on $700,000 bonds for improving county highways and constructing bridge across Caney River. N. M. Scott, clk.

Okla., Clinton—City having plans prepared surfacing various streets, brick on concrete base. About $180,000. W. A. Shouse, clk. Benham & Mullergren, Firestone Bldg., Kansas City, Mo., engrs.

BIDS DESIRED

Massachusetts—Until Aug. 30, by State Highway Comn., Boston, paving 6,000 ft. highway in Monterey, 18 ft. wide, gravel, about $30,000; 11,000 ft. in Middlefield and Peru, 18 ft. wide, $50,000. A. W. Deane, 413 Statehouse, Boston, engr.

N. Y., Brooklyn—Until Aug. 31, by E. Riegelmann, boro. pres., Boro. Hall, regulating, curbing and paving Bay 22nd St. from 86th St. to Benson Ave., Chester St. from point 269 ft. south of Blake Ave. to point 329 ft. south of Blake Ave. and from Lott to Hegeman Ave., Mansfield Pl. from Ave. L to Ave. M; regulating and paving East 13th St. from Ave. N to Ave. O, East New York Ave. from New York to Albany Aves., Sheridan Ave. from Glenmore to Pitkin Aves., 75th St. from 10th to 11th Aves.; regulating and repaving 6th St. from 8th Ave. to point 225 ft. westerly, permanent asphalt on 6 in. concrete foundation.

N. Y., New York—Until Aug. 30, by H. Bruckner, pres. Bronx Boro., regulating, grading and setting curbs etc., on St. Lawrence Ave. from Westchester Ave. to point 225 ft. north of Watson Ave., and Fieldstone Rd from West 261st to West 262nd Sts.; building sewers in West Kingsbridge Rd. between existing sewer west of Webb Ave. and Webb Ave., and in Webb Ave. between West Kingsbridge Rd., etc.

New Jersey—Until Sept. 6, by State Highway Comn., Broad St. Bank Bldg., Trenton, reshaping and paving Route 8, Job Orders 801 and 802, from Montclair to Essex-Passaic Co. line, Essex Co., Warrenite bitulithic. A. W. Muir, Broad St. Bank Bldg., supt. of maintenance.

Pa., New Castle—Until Aug. 5, by City, paving 6,200 sq.yd. State St., brick on 6 in. concrete foundation, concrete or stone curb and asphalt filler. F. F. Miller, city engr.

Miss., Vicksburg—Until Sept. 6, by Highway Comrs. Warren Co., reconstructing and resurfacing 10.8 mi. state highway from Two Mile Bridge over Alabama & Vicksburg R.R. to bridge over Big Black River. Bids will be received on (a) single surface treatment with bituminous materials, (b) double surface treatment with bituminous materials. About $65,000. G. Williamson, secy.

Louisiana—Until Aug. 29, by State Highway Dept., 322 Maison Blanche Bldg., New Orleans grading and draining 25.42 mi. Huma-Morgan Highway, Terrebonne Parish. D. Buie, state highway engr.

Louisiana—Until Sept. 12, by State Highway Comn., Room, 332, Maison Blanche Annex, New Orleans, improving 3.57 mi. Rd. D, Shuteston-Church Point Highway, St. Landry Parish, involving 13,750 cu.yd. earth excav., 177 cy.yd. Class A concrete, 16,698 lb. reinforcing steel and 4,365 cu.yd. gravel hauling. D. Buie, state highway engr.

O., Cleveland—Until Sept. 3, by Comrs. Cuyahoga Co., grading, draining and paving Hall Rd. from Coe Ridge to North Ridge Rds. About $37,841. W. A. Stinchcomb, Court House, engr.

O., Oakwood (Dayton P. O.)—Until Sept. 1, by Comrs. Montgomery Co. (Dayton), paving 2,300 ft. Far Hills Ave., involving 7,800 sq.yd. vitr. brick, wood block or concrete. About $39,000. P. S. Bookwalter, Dayton, co. surv.

Mich., Bellaire—Until Sept. 2, by Bd. Rd. Comrs. Antrim Co., grading, draining and surfacing State Trunk Line Rd. 88-1, Sect. B, involving 9,724 cu.yd. earth excav. and 33,932 sq.yd. gravel. F. F. Rodgers, Lansing, state highway comr.

Mich., Hillsdale—Until Sept. 2, by State Highway Dept., at office Bd. Rd. Comrs. Hillsdale and Calhoun Counties (Hillsdale), grading, draining and surfacing 11.423 mi. Federal Aid Project 37, 1.93 mi. with concrete or bituminous concrete and 9.493 mi. with gravel, involving 20,353 sq.yd. concrete or bituminous concrete, 89,097 sq.yd. gravel, 35,613 cu.yd. earth excav., etc. F. F. Rodgers, Lansing, state highway comr.

Mich., Saginaw—Until Aug. 30, by State Highway Dept., at office Bd. Rd. Comrs. Saginaw Co., grading, draining and surfacing 2.064 mi. road in Assessment Dist. 235, involving 6,900 cu.yd. earth excav., 19,369 sq.yd. bituminous macadam or gravel, etc. F. F. Rodgers, Lansing, state highway comr.

Ill., Elgin—Until Aug. 30, by H. L. Zeck, city clk., paving various streets, brick and asphalt on concrete base. About $65,000. M. H. Brightman, City Hall, engr. Noted June 9.

Ill., Eureka—Until Aug. 30, by Woodford Co., c/o A. B. Hurd, supt., grading, draining and surfacing various county roads in El Paso, bituminous macadam. About $25,000.

Ill., West Frankfort—Until Aug. 30, by city, c/o L. Coleman, chn., paving various streets, brick and asphalt on concrete base. About $130,000. E. A. Cox, West Frankfort, engr. Noted July 21.

Ia., Allison—Until Aug. 31, by Auditor Butler Co., grading and draining 11.42 mi. Primary Rd. Project 71, north and south of Greene, north of Parkersburg, and east of here, involving 110,132 cu.yd. earth and 2,134 cu.yd. loose rock excav., 83,927 lin. ft. 6 in., 9,800 lin. ft. 8 in tile, 12 tile intakes.

Ia., Grundy Center—Until Sept. 6, by Grundy Co., graveling primary roads radiating out of here. Project 163. About $25,000. E. A. Crary, co. engr.

Ia., Muscatine—Until Sept. 7, by Auditor Muscatine Co., grading draining and gravel surfacing primary road between Muscatine and Louisa Co. line; draining primary road from Sweetland Center to Scott Co. line and primary road east and west of Wilton Junction, Federal Aid Project 87, involving 7,810 cu.yd. clay-gravel surfacing, 38,261 cu.yd. earth excav., etc.

Ia., Spencer—Until Aug. 30, by Clay Co., c/o A. W. Chamberlain, aud., grading and draining 6 mi. roads, east and west of Peterson, involving 126,645 cu.yd. excav., 12,150 lin.ft. 5-6 in. tile and 7 intakes. About $30,000. W. V. McCoun, Spencer, engr.

Minn., Aitkin—Until Sept. 7, by Aitkin Co., improving State Rd. 3, Job 2101, involving 6 acres clearing, 5 acres grubbing, 47,602 cu.yd. excav., 132,680 cu.yd. overhaul, etc. About $25,000.

Minn., Slayton—Until Sept. 6, by City, c/o B. Tietema, clk., paving 15,000 sq.yd. various streets. About $50,000. J. W. Shaffer & Co., 916 New York Life Bldg., Minneapolis, engrs.

Kan., Junction City—Until Sept. 16, by Bd. Comrs. Geary Co., resurfacing Golden Belt Highway, Federal Aid Project 91, brick or asphaltic concrete. About $30,000. P. Martin, co. engr.

S. D., Hot Springs—Until Sept. 6, by City, grading, paving and guttering various streets, involving 30,246 sq.yd. paving, 8,987 cu.yd. excav., 12,569 lin.ft. combined curb and gutter, 1,043 lin.ft. straight curb, 900 lin.ft. headers. Bids on concrete, Portland cement, bituminous concrete, and vitr. brick will be considered.

Tex., Clarksville—Until Sept. 19, by R. Goodwin, city clk., paving 50 blocks, 6 in plain concrete, two course rein.-con., or asphaltic concrete, involving 21,635 lin.ft. concrete curbing, 168 lin.ft. double gutter, 7,870 cu.yd. earth and 296 cu.yd. loose rock excav., 32,220 sq.yd. paving, etc. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Col., Denver—Until Sept. 1, by City Council, paving 22 blocks 7th Ave. Dist., asphalt. About $46,537. J. B. Hunter, city engr.

California—Until Sept. 6, by State Highway Comn., 515 Forum Bldg., Sacramento, paving with concrete 9.4 mi. highway between West boundary and 1 mi. north of Keystone, and 3.5 mi. between Jamestown and Sonora, Tuolumne Co. A. B. Fletcher, state highway engr.

Streets and Roads (Continued)

Que., Lachute—Until Sept. 1, by A. Tremblay, mayor, building macadam roadways and 9,000 lin.ft. concrete sidewalks on Barron Ave., Bethany, Main, Found, Princess and Chatham Sts. About $25,000. A. Sarsfield, c/o Mayor, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

★**Massachusetts**—State Highway Comn., Boston, let contract paving 8,600 ft. state highway in Littleton, 18 ft. wide, bituminous macadam, to T. J. McCue, Watertown, $47,339. Noted Aug. 18.

Massachusetts—State Highway Comn., Boston, reecived bids Aug. 16 paving 11,000 ft. bituminous road in Holden, 18 ft. wide, from G. E. Greenough, South Acton, $52,-330; DeStafano Bros., East Boston, $52,-390; Hanscom Const. Co., 70 Kilby St., Boston, $52,970.

Mass., Pittsfield—City received bids paving (1) Fenn St., from 4th to East Sts., (2) Francis Ave. from Columbus Ave. to Summer St., both cement concrete, (3) Maplewood Ave., brick, from Molloy & Niggard, Springside Ave., (1) $14,247, (2) $4,746, (3) $17,340; D. J. Walsh, 107 Fenn St., (1) $14,253, (2) $4,671, (3) $17,980. A. B. Farnham, City Hall, engr. Noted May 26.

★**Connecticut**—C. J. Bennett, state highway comr., 240 Farmington Ave., Hartford, let contract paving 3 mi. Hall Blvd., Bloomfield, waterbound macadam, to R. G. Miller, Maple Ave., Bloomfield, $11,000; 20,600 ft. Danielson Rd., Killingly, 3 in. bituminous macadam on 7 in. broken stone base, and 1,970 ft. Thames St., Groton, concrete, to F. D. Miller Co., Poquetanuck St., Norwich, $136,000 and $19,000 respectively. Noted July 28.

★**Conn., New Haven**—Bureau of Eng. let contract paving Greenwood St. from George St. to Sylvan Ave., bituminous macadam, concrete gutters and curbs, involving 6,000 sq.yds. curbing, 1,240 sq.yds. gutter and 5,160 sq.yds. paving, to R. D. Daley Co., 6 Church St., $10,149; Court St. from State St. R.R. bridge, granite block on concrete base, 400 sq.yds. paving, 175 lin.ft. curbing to Connecticut Nat'l. Pavements, Inc., 173 Orange St., $2,658; section of Chapel St., 4,540 sq.yds. batch concrete, Temple St. from Trumbell St., to R.R. bridge 1,815-20 sq.yds. asphalt paving 800 sq.yds. concrete curbing and 300 cu.yds. earth excav. to C. W. Blakeslee & Sons, 58 Waverly St., $18,949 and $4,815 respectively. Noted July 21.

★**New York**—H. S. Sisson, comr. State Highway Dept., 55 Lancaster St., Capitol, Albany, let contract improving 4.87 mi. Angelica-Canaseraga, Part 2, Highway 8060, Allegany Co., to H. W. Patterson, Belmont, $166,306; 4.88 mi. Angelica-Canaseraga, Part 3, Highway 8061, Allegany Co., to Cannova & Giordano, Lodi, N. J., $176,734; 6.76 mi. Genoa-Locke, Highway 8062, Cayuga Co., to P. D. Conley Constr. Co., Inc., Ithaca, $208,274; 3.69 mi. Athol Springs-Orchard Park, Highway 1586, Erie Co., to Rossney Contg. Corp., 37 Heath St., Buffalo, $122,571; 2.36 mi. Phoenix-Mexico, Part 3, Highway 8068, Oswego Co., to Scott Bros., Arlington Blk., Rome, $57,851; reconstructing 1.34 mi. Rd. 5312, Rep. Contr. 1329, Allegany Co., to Greenfield Constr. Co., 89 Main St., Hornell, $42,859; 0.88 mi. Rd. 1378, Rep. Contr. 1331, Chemung Co., to J. W. Gurnett, Watkins, $24,729; 1.14 mi. Rd. 5103, Rep. Contr. 3012, Columbia Co., to Troy Paving Co., Troy, $39,529; 1 mi. Rd. 5253, Rep. Contr. 1330, Steuben Co., to W. L. Collins, Hornell, $14,938; 0.60 mi. Rd. 17, Rep. Contr. 1304, Westchester Co., to Malloy & Murray Contg. Co., Yonkers, $33,639. Noted July 28.

New York—H. S. Sisson, comr. State Highway Dept., 55 Lancaster St., Capitol, Albany, opened bids Aug. 16, improving 1.32 mi. Fredonia Village: West Main St., Highway 5664, Chautauqua Co., from E. J. Bailey, Brockton, $80,975; J. J. Hart, 492 Frank Bldg., Pittsburgh, $82,017, G. Metzger, Emporium, Pa., $82,221; 10.58 mi. Cherry Valley-Sharon Springs; Sharon Springs-Canajoharie Highway 8064, Otsego and Schoharie Co., from M. H. Ripton, 208 Carter Bldg., Rochester, $339,269, Stento & Serafini, Binghamton, $347,946, L. H. Brotsch, 39 State St., Rochester, $348,863; 4.39 mi. Grand Gorge-Breakabeen, Part 4, Highway 8070, Schoharie Co., from A. F. McConville, Ogdensburgh, $159,-551, R. Hopkins, 824 2nd Ave., Troy, $161,-059, F. E. Ellis, Melrose, Mass., $166,146; 7.13 mi. Port Jefferson-Riverhead, Part 3, Highway 8066, Suffolk Co., from World Industrials Corp., 522 5th Ave., New York City, $234,907, H. J. Mullen Contg. Co., Inc., Fulton St., Jamaica, $260,704, Brooklyn-Manhattan Contg. Corp., Brooklyn, $262,100; reconstructing 3.37 mi. Rd. 399, Rep. Contr. 3007, Monroe Co., from F. F. Murray, Leroy, $74,219, F. W. and J. J. Crouch, 84 Bronson Ave., Rochester, $75,-843, A. A. Howard, Fairport, $76,370; 4.51 mi. Rds. 105 and 1029, Rep. Contr. 3026, Schenectady Co., from N. J. Balestrieri, Shelburne Falls, Mass., $77,218, L. Mayersohn, 89 Manning Blvd., Albany, $79,275, Malloy Constr. Co., 434 State St., Schenectady, $81,898. Noted July 28.

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro, 68 Hunterspoint Ave., let contract regulating and curbing, etc., Manly St., etc., to C. Kurth, 9519-126th St., Richmond Hill, $5,274; curbing, recurbing and paving 7th Ave., to Cleveland Trinidad Paving Co., Flushing, $25,-682; regulating and grading Van Pelt Ave., to Contractors Serv. Corp., 288 Jackson St., Greenpoint, $4,681; Fiske Ave., etc., to Casalino Contg. Co., 299 Withers St., Brooklyn, $15,417; 80th St., etc., to H. E. Kordes, 2557 Cooper St., Brooklyn, $33,-987; Cherry Ave., etc., to Tuohy & Upton, Inc., 98 Main St., Flushing, $3,435; regulating and repaving 7th Ave., to H. J. Mullen Contg. Co., Fulton St., Jamaica, $79,478. Noted July 28.

★**N. Y., New York**—H. Bruckner, pres. Bronx Boro., let contract regulating, grading, setting curb, laying sidewalks, building inlets, etc., on Clark Pl., etc., to C. D. Beckwith, Inc., 301 West 108th St., $3,290; building sewer in West Kingsbridge Rd., between existing sewer east of Reservoir Ave. and Reservoir Ave., etc., to M. Delbalso, 660 East 221st St., $124,069. Noted Aug. 18.

N. Y., New York—H. Bruckner, pres. Bronx Boro., Municipal Bldg., opened bids Aug. 17, paving (1) Findlay Ave., (2) East 170th St., sheet asphalt; repaving (3) East 171st St., granite blocks on concrete foundation; regulating and grading, etc., (4) East 156th St., (5) East 149th St., (6) Ford St., (7) Spencer Ave., (8) West 188th St.; building sewers and appurtenances in (9) Pelham Parkway North, (10) Osborne Pl.; protecting with rock fill outlet of sewer at (11) White Plains Ave., etc., from

Uvalde Asphalt Paving Co., 1 Bway., (1) $5,595, (2) $29,100.

Cleveland Trinidad Paving Co., Flushing, (1) $7,803, (2) $29,130.

C. D. Beckwith, Inc., 301 West 108th St., (1) $7,633, (2) $29,100.

Asphalt Constr. Co., 2197 Madison Ave., (1) $7,992, (2) $28,512.

Brusstar Constr. Co., Inc., Harlem River and 150th St., (1) $8,438, (2) $29,082.

Leonard Paving Co., 233 Bway., (3) $7,635.

Burnside Contg. Co., 270 Burnside Ave., (3) $7,779, (6) $5,935.

C. Heibock Co., 633 Wales Ave., (3) $8,058.

Anita Constr. Co., 2975 Marion Ave., (9) $53,838, (10) $9,136, (11) $3,125.

C. W. McDonald, West 10th St., Bensonhurst, (9) $58,898.

J. L. Sigretto & Co., (9) $59,772.

I. F. Cavaluzzo, 1538 Walton Ave., (4) $5,890.

F. Spadaro, (4) $7,871.

Testa Eng. & Contg. Co., (4) $7,892, (7) $14,708, (8) $2,034.

P. J. Kearns Contg. Co., 2306 Creston Ave., (5) $12,747, (8) $2,220.

Spadaro Contg. Co., 827 East 217th St., (7) $11,162.

Estates Contg. Co., (7) $15,005, (10) $8,790.

Fordham Contg. Co., (10) $9,127.

J. V. Timoney, (8) $3,470.

Noted Aug. 11.

★**N. Y., New York**—H. H. Curran, pres. Manhattan Boro, let contract widening and repaving 181st St. from Amsterdam to St. Nicholas Aves., asphalt block on concrete foundation, to Regan Towers Co., 127 West 121st St., $24,550. Noted Aug. 4.

★**N. Y., New York**—Park Bd. at office of Dept. Parks, Municipal Bldg., let contract repaving West Drive System south of 102nd St. in Central Park, sheet asphalt, to W. J. Fitzgerald, 547 West 45th St., $58,180. Noted Aug. 4.

★**N. Y., Syracuse**—City let contract paving Allen St. from East Genesee St. to Euclid Ave., asphalt, to J. H. Gallup, Union Bldg., $41,451. Noted Aug. 4.

★**New Jersey**—State Highway Dept., Broad St. Bank Bldg., Trenton, let contract building 2.9 mi. Route 5, Sect. 4 from Madison to Chatham, involving 34,694 sq.yd. bituminous concrete and 36,951 sq.yds. cement concrete foundation, to O. G. Julian, 200 Bway., New York City, cost 89% of engineers estimate ($247,315). Noted July 28.

★**Pennsylvania**—State Highway Dept., Harrisburg, let contract building Route 139, Dauphin Co., to Bennett & Randall, Lebanon, $56,191; Route 322, Lackawanna Co., to M. Rosato & Son Co., 1145 Sloan Ave., Scranton, $44,185; Routes 11 and 177, Luzerne Co., to Newmeyer Bros., 1416 East 4th St., Bethlehem, $77,613; Route 240, Lycoming Co., to Juniata Co., Empire Bldg., Phila., $141,008; Route 268, Washington Co., to Corrado & Gallardi, Colonial Natl. Bank Bldg., Connellsville, $62,223; Route 82, Mercer Co., to Brackenridge Sand & Gravel Co., Brackenridge, $15,382; Route 276, Cambria Co., to Trevorrow-Grissey Constr. Co., 15 Darby St., Johnstown, $98,-452; Application 1460, Carbon Co., to G. H. Hardner, Lentz Blvd., Allentown, $188,-188; Application 1461, Carbon Co., to Peconco Eng. & Contg. Corp., 1170 Bway., New York City, $175,681; Route 107, Centre Co., to G. I. Thompson Co., Clearfield, $69,-149; Route 73, Butler Co., to N. J. Boyer, Slippery Rock, $49,671; Route 228, Allegheny Co., to McGrady Bros. Co., 308 6th Ave., Braddock, $202,716; Route 156, Bucks Co., to Peconco Eng. & Contg. Co., 1170 Bway., New York City, $293,194; Route 265, Lawrence Co., to J. B. Reed Co., 550 Bway., McKees Rocks, $60,653; Route 64, Jefferson Co., to L. G. Hileman Constr. Co., 217 First Natl. Bank Bldg., New Kensington, $30,410. Noted Aug. 11.

★**Pa., Phila.**—City let contracts to Union Paving Co., 34th and Spruce Sts., paving Carpenter, 22nd and 24th Sts., cost $39,-549, 17th, Porter and Chadwick Sts., $19,-819, 21st St., $12,661, 23rd, 26th, 28th and 29th Sts., $55,389; Barber Asphalt Paving Co., Land Title Bldg., Chelten Ave., $21,-887, Lehigh Ave., $37,183, Susquehanna Ave., $20,910.

Pa., Phila.—City opened bids repaving (1) 15th St., (2) Frankford Ave., (3) Columbia Ave., (4) Pine St., (5) Spruce St., (6) Girard Ave., (7) Kensington and Frankford Aves., (8) Lombard St. from Delaware to Broad Sts., (9) Lombard St. from Broad to 27th Sts., (10) Sansom St., (11) 2nd St., (12) 9th St., (13) Wildey St., (14) Snyder Ave., (15) Poplar St., Girard, South College on West College Aves., (16) Pearl St., (17) Uplapd St., (18) Lawrence St., from T. L. Flannigan, 1204 Richmond St., $159,112, (2) $32,969, (3) $48,395, (4) $45,453, (5) $21,444, (6) $56,783, (7) $33,830, (8) $77,473, (9) $54,138, (15) $85,627; Eastern Paving Co., Colonial Trust Bldg., (1) $61,873, (2) $35,-673, (16) $6,725, (17) $12,909, (18) $4,-962; F. T. Buckin, Kensington and Deal Sts., (1) $60,573, (2) $34,503; Fish-Rutherford Co., Inc., Real Estate Trust Bldg., (3) $43,104, (7) $33,980, (10) $18,-962, (12) $18,975, (14) $18,963, (15) $80,-226; M. McCrudden, Real Estate Trust Bldg., (3) $45,651, (7) $35,956, (10) $18,-766, (12) $19,653; Citroni & Mezzola, Ocean City, N. J., (4) $43,370, (5) $23,199, (11) $46,399, (13) $8,947, (14) $15,444; J. Devlin, Jr., Hancock and Thompson Sts., (4) $35,378, (5) $24,693, (12) $18,846; Union Paving Co., 34th and Spruce Sts., (6) $53,589, (8) $75,350, (9) $53,439, (16) $6,876; Cunningham & Murray, 1345 Arch St., (6) $53,965, (8) $75,893, (10) $16,741, (13) $8,858; Ryan Constr. Co., Real Estate Trust Bldg., (9) $53,969, (11) $47,562, (14) $17,068; Acchione & Canuso, 763 South 12th St., (11) $47,892; United Paving Corp., Denkla Bldg., (13) $8,935; F. Curran, 3023 Richmond St., (15) $83,743; Barber Asphalt Paving Co., Land Title Bldg., (16) $5,681, (17) $11,367, (18) $4,-873; Mack Paving & Constr. Co., Nicetown Lane and C St., (18) $5,183.

★**Maryland**—State Highway Comn., Garrett Bldg., Baltimore, let contract paving 2 mi. state highway in Montgomery Co., Contr. M-27, to Christhill & Ensey, Munsey Bldg., Baltimore, $57,194; 5 mi. in St. Marys Co., Contr. SM-15, to W. E. Allen, 1465 Columbia Ave., Baltimore, $39,486; 1.5 mi. in Dorchester Co., Contr. D-24, to D. Marine Co., Title Annex Bldg., Baltimore, $43,442; 1 mi. and 1.37 mi. in Cecil Co., Contrs. CE-36 and CE-25, to Broad Creek Contg. Co., Elkton, $28,553 and $37,221 respectively. Noted July 28.

D. C., Washington—Dist. Comrs., 509 Dist. Bldg., received bids grading (1) Monroe St., (2) 17th St., S. E. (3) Vista St. (4) Dorsett Pl. (5) Carolina Pl. (6) Kalorama Rd. (7) Ohio Ave. (8) Connecticut Ave., from W. F. Brenizer Co., 101 New York Ave., N. E., (1) $0.60 per cu.yd. (2) $0.50 (3) $0.40 (4) $0.35 (5) $0.50 (6) $0.40 (7) $0.40.

G. W. Gummel, Wash., (1) $0.32 (7) $0.35.

G. B. Mullen, 3303-11th St., N. W., (1) $0.44 (3) $0.57 (4) 0.39 (5) $1.24 (6) $0.57 (7) $0.44 (8) $0.43.

W. F. Cush, 3rd and R Sts., N. E., (1) $0.49 (2) $0.55 (3) $0.64 (4) $0.90 (5) $0.90 (6) $0.69 (7) $0.58 (8) $0.85.

Allen & Co., 1421-34th St., N. W., (1)

Streets and Roads (Continued)

$0.45 (2) $0.85 (3) $0.445 (4) $0.65 (5) $0.65 (7) $0.4475.

Cranford Paving Co., 2620 E St., (1) $0.49 (2) $0.58 (3) $0.56 (4) $0.67 (5) $0.67 (6) $0.57 (7) $0.53 (8) $0.90.

G. W. Hyman, 1116 Morse St., S. E., (1) $0.64 (2) $0.69 (3) $0.58 (4) $0.90 (7) $0.54 (8) $0.39.

Corson & Gruman, (4) $1.24 (5) $1.24. Noted Aug. 11.

★**W. Va., Mannington**—City let contract paving High and Main Sts., to J. J. Allen, Mannington, $32,114.

★**Fla., Titusville**—Brevard Co. let contract surfacing 15 mi. road from Dixie Highway to St. Johns River, 9 ft. wide, asphalt on rock base, 3 ft. clay shoulder, to E. P. Maule, Ojus, $45,670. Noted May 26.

★**Fla., Titusville**—City let contract surfacing 8 mi. road from Orsino to Indian River and Ocean, asphalt on rock base, to Florida Eng. Co., Oviedo, $26,980.

★**Miss., Vicksburg**—Highway Comn. Warren Co. let contract reconstructing and resurfacing 6 of Novaculite based roads in county, single surface treatment with bituminous materials, to Merrill Rd. Impvt. Co., James Bldg., Chattanooga, Tenn., $65,228.

★**Ohio**—Dept. Highways & Pub. Wks., Columbus, let contract grading, building bridges and culverts and paving 4.15 mi. Sect. "D" Hamilton-Middletown Rd., Butler Co., sheet asphalt, to Andrews Asphalt Paving Co., Rentschler Bldg., Hamilton, $116,918. Noted Aug. 11.

★**O., Cleveland**—City let contract paving Chester Ave., to W. E. McHugh, c/o Pavers Exch., Society for Savings Bldg., $57,379; East 119th St., to River Constr. Co., Schofield Bldg., $34,269. Noted July 7 and Aug. 18.

★**O., Cleveland**—Comrs. Cuyahoga Co. let contract improving Prospect Rd. 3 involving 20,000 cu.yd. earth excav., 30,000 sq.yd. waterbound macadam and 4,200 sq.yd. 6 in. concrete base, etc., to Nydecker, Pursgrave & Burke, 8101 Howard Ave., $112,840.

★**O., Cleveland**—Cmrs. Cuyahoga Co. let contract improving Drake and Hunt Rds., to Ohio Contg. Co., Elyria, $112,140. Noted Aug. 18.

★**O., Cleveland**—Riverside Cemetery let contract grading and paving cemetery, asphalt, to Cleveland Trinidad Paving Co., The Arcade. About $55,000. Noted Aug. 4.

★**O., Dennison**—City let contract paving 3rd, 2nd, 5th and Center Sts., asphalt, to Federal Asphalt Paving Co., 125 Main St., Hamilton, $51,870.

O., Garfield Heights (Cleveland P. O.)—Village received bids paving (1) Thornhurst Ave., (2) Warner Rd., involving 34,860 sq. ft. asphalt, from Cleveland Trinidad Paving Co., The Arcade, Cleveland, (1) $17,010; Enterprise Paving & Constr. Co., 8444 Bway., Cleveland, (1) $18,858, (2) $9,748.

★**Mich., Crystal Falls**—State Highway Dept. at office Bd. Rd. Comrs. Iron Co., let contract grading, draining and surfacing 1.413 mi. State Trunk Line Rd. 12-34, to Counihan, Barnum & Probsch, Iron River, $43,163.

★**Mich., Detroit**—City let contracts shaping and paving (1) Devereaux and (2) Dane Sts., and following avenues, (3) Canton, (4) Cascade, (5) Farnsworth, (6) Hillger, (7) Hamilton, (8) Kerwin, (9) St. Jean, (10) Eastlawn, (11) Fishcher, (12) Gladstone, (13) Hazelwood, (14) Lumley, (15) Lambert, (16) Maxwell, (17) Manistique, (18) Quincy, to Detroit Asphalt Paving Co., 20 McGraw Bldg., (1) $14,678, (2) $29,560, (3) $35,090, (4) $59,345, (5) $8,635, (6) $23,640, (7) $32 900, (8) $36,632, (9) $44,968, (10) $36,063, (11) $38,581, (12) $15,896, (13) $32,349, (14) $28,982, (15) $9,189, (16) $29,215, (17) $21,625, (18) $14,721; (19) Ford, (20) Tuxedo, (21) Wilson, (22) Webb, (23) Cortland, (24) Clairmount, to Cleveland Trinidad Paving Co., 402 Hammond Bldg., (19) $14,021, (20) $22,957, (21) $5,676, (22) $49,230, (23) $12,519, (24) $29,280; paving (25) Grand River Ave., and surfacing (26) McGraw Ave. from Blvd. to Warren Aves., (27) McGraw Ave. from Junction to Livernois Aves., (28) Moran Ave., (29) Palmer Ave., (30) Livernois Ave., to Detroit Asphalt Paving Co., 20 McGraw Bldg., (25) $191,674, (26) $10,065, (27) $12 810, (28) $8.325, (29) $5,180, (30) $36,600. Noted Aug. 18.

Mich., Detroit—City received bids paving following avenues, (1) Mt. Elliott, (2) Calahan, (3) Grand River, (4) Wildmere, (5) Wales, (6) Waldo, (7) Yellowstone, (8) Yosemite, (9) Lane, from Detroit Asphalt Paving Co., 20 McGraw Bldg., (1) $145,-321, (2) $29,533, (3) $103,306, (4) $7,503, (5) $8,271, (6) $42,776, (7) $42,380, (8) $46,704, (9) $21,765; Cleveland Trinidad Paving Co., 402 Hammond Bldg., (1) $149,-484, (2) $30,152, (3) $106,570, (4) $7,450, (5) $8,398, (6) $44,179 ,(7) $43,038, (8) $47,423, (9) $22,165.

★**Mich., Leland**—State Highway Dept., at office Bd. Rd. Comrs. Leelanau Co., let contract grading, draining and surfacing State Trunk Line Rd. 25-7, involving 23,485 cu.yd. earth excav., 18,712 sq.yd. gravel, etc., to Leelanau Co. Rd. Comn., Cedar, $26,930.

★**Mich., Sandusky**—State Highway Dept., at office Bd. Rd. Comrs Sanilac Co., let contract to E. L. McIntyre, 621 Navahoe St., Detroit, grading, draining and surfacing 6.113 mi. Federal Aid Project 51, Sect. B, grading, $20 per sq.yd.; earth excav., $0.70; 77.2 cu.yd. 1:2:4, 10 cu.yd. 1:2½:5, and 246.4 cu.yd. 1:3:6 concrete, $21, $20 and $20 respectively; reinforcing steel, $0.07; gravel, $0.801; total, $63,996. Noted July 28.

★**Mich., Sault Ste. Marie**—State Highway Dept., at office Bd. Rd. Comrs. Chippewa Co., let contract grading, draining and surfacing 3.441 mi. State Trunk Line Rd. 48-3, to E. Brown, Charles, $39,518. Noted Aug. 4.

★**Mich., Sault Ste. Marie**—State Highway Dept., at office Bd. Rd. Comrs. Chippewa Co., let contract grading, draining and surfacing 4.777 mi. State Trunk Line Rd. 48-5. Sect. B, to N. Bye, 1015 Tweed St.; work involves 22.211 cu.yd. earth excav., at $0.50 per cu.yd.; 107.7 cu.yd. 1:2:4, 195.8 cu.yd. 1:2½:5 and 51.8 cu.yd. 1:3:6 concrete, $26, $25 and $24 respectively; 11,241 lb. reinforcing steel, $0.09; 344,717 cu.yd. waterbound macadam, $1.22, etc., total $76,073. Noted Aug. 4.

Ill., Chicago—Bd. Local Impvts., 207 City Hall, received bids paving, (1) Alley-Polk St., Taylor St., Paulina St., Hermitage Ave., 1,830 ft. concrete curb, 1,440 sq.yd. vitr. brick on 6 in. concrete base, (2) Alley-West End Ave., Washington Blvd., Lavergne Ave., Le Clair Ave., 1,300 sq.ft. concrete, (3) Alley-67th Pl., 68th St., Stony Island Ave., Blackstone Ave., 1,250 sq.yd. 7 in. concrete, (4) Alley-68th Pl., 69th St., East End Ave., Ridgeland Ave., 1,040 sq.yd. 7 in. concrete, (5) Alley-Glendale Ave., Norwood Ave., Greenvew St., Clark St., 1,030 sq.yd. 7 in. concrete, (6) Augusta St., Milwaukee Ave. to Elston Ave., 1,800 ft. 8 in. granite curb, 1,200 cu.yd. excav., 3,000 sq.yd. asphalt on 6 in. concrete base, etc., (7) Ellis Ave., 55th to 59th Sts., 4,360 ft. 8 in. granite curb, 2,500 cu.yd. excav., 8,960 sq.yd. asphalt on 6 in. concrete base, etc., (8) 43rd St., Western to Kedzie Aves., 10,-500 ft. 8 in. granite curb, 7,800 cu.yd. excav., 18,200 sq.yd. asphalt, (9) Turner Ave., 55th to 59th Sts., 20,740 ft. concrete curb., 9,300 cu.yd. excav., 33,750 sq.yd. asphalt on 6 in. concrete base, etc., (10) Troy St., Archer Ave. to 47th St., 11,650 ft. concrete curb, 4,500 cu.yd. excav., 18,700 sq.yd. asphalt on 6 in. concrete base, (11) Trumbull Ave., Foster to Balmoral Aves., 12,900 ft. concrete curb, 9,000 cu.yd. excav., 20,800 sq.yd. asphalt on 6 in. concrete base, (12) Kilpatrick Ave., Belmont to Addison Sts., 10,000 ft. concrete curb, 5,500 cu.yd. excav., 15,800 sq.yd. asphalt on 6 in. concrete base, (13) Talman Ave., 51st to 55th Sts., 13,900 ft. concrete curb, 8,500 cu.yd. excav., 22,600 sq.ft. asphalt on 6 in. concrete base, (14) Vernon Ave., 77th to 79th Sts., 10,100 ft. concrete curb, 7,000 cu.yd. excav., 16,140 sq.yd. asphalt on 6 in. concrete base, (15) Leamington Ave., Grand Ave. to Belden St., 46,800 ft. concrete curb, 23,600 cu.yd. excav., 64,400 sq.yd. on 6 in. concrete base, etc.

From J. Dillon Co., 129 West Washington St., (1) $12,554, (2) $6,402, (4) $4,616, (5) $4.539.

P. J. O'Brien Co., 29 South La Salle St., (1) $12,740, (3) $5,395, (4) $4,567, (5) $4,583.

Central Paving Co., 179 West Washington St., (1) $12,673.

J. A. Ross & Co., 4561 Armitage Ave., (2) $6,324, (3) $5,445, (4) $4,611.

W. P. Cagney, 133 West Washington St., (2) $6,350, (3) $5,436, (5) $4,593

White Paving Co., 17 North La Salle St., (6) $18,672, (8) $114,341, (11) $133,-426, (12) $99,902, (14) $98,772, (15) $383,-937.

R. F. Conway Co., 133 West Washington St., (6) $18,806, (7) $54,052, (8) $111,-634, (9) $181.633, (10) $100,199, (11) $134,-221, (12) $100,328, (13) $130,148, (14) $95,-635, (15) $386,749.

A. Todd, 133 West Washington St., (6) $19,650, (7) $53.691, (9) $181,376, (10) $101.952, (13) $133,190, (15) $398,825.

Amer. Asphalt Paving Co., 133 West Washington St., (7) $53,845, (8) $113,395, (9) $182,458, (10) $100,677, (11) $136,613, (12) $102,138, (13) $129,506, (14) $92,821.

★**Ill., Springfield**—City let contract paving Passfield St., vitr. brick on concrete base, to J. E. Bretz, 24 East Union St. About $25,000. Noted Aug. 18.

★**Ill., Quincy**—City let contract paving various streets, vitr. brick on concrete base, to Roeder & Greeman, Front and Jefferson Sts., $26,286. Noted July 21.

★**Ill., Warren**—City let contract paving various streets, brick on concrete base, to A. E. Rutledge, 502 Mead Bldg., Rockford, $25,673.

★**Ill., West Frankfort**—Denning Twp. let contract grading and paving 3 mi. Pershing-Zeigler and Orient Rds., 15 ft. wide involving 11,842 cu.yd. earth excav., 208 cu.yd. concrete, 25,269 sq.yd. novaculite pavement, to C. H. Cromwell, Georgetown, $44,735. Noted July 7.

★**Wis., Beaver Dam**—City let contract paving various streets with Trinidad asphalt, to J. Rasmussen & Sons, foot 7th St., Oshkosh, $67,499. Noted Aug. 11.

★**Wis., Darlington**—City let contract paving 10,689 sq.yd. Harriett and Ohio Sts., to J. Rasmussen & Sons, foot of 7th St., Oshkosh, at $2.99 per sq.yd.

★**Wis., Shawano**—City let contract paving 1.8 mi. Main St., concrete, sidewalks with combined curb and gutter and installing catch basins, to J. McCarthy Constr. Co., Main St., Kaukauna, at $53,272.

★**Wis., Shorewood** (Milwaukee P. O.)—Village let contract paving Jarvis and Shorewood Aves., grading Frederick Ave., involving 10,000 sq.yd. concrete and 3,200 cu.yd. earth excav., to Dean Constr. Co., 382 East North Ave., Milwaukee, paving at $2.58 per sq.yd., grading at $0.68. Noted July 14.

★**Ia., Burlington**—City let contract paving various streets, brick and concrete, to M. W. Daly, 1017 North Central Ave. About $25,000.

★**Ia., Des Moines**—Polk Co. let contract grading, draining and paving 1.5 mi. South-West 9th St., from city limits to Fort Des Moines, 20 ft. wide, involving 7,522 cu.yd earth excav., 17 522 sq.yd. concrete paving, 3,200 lin. ft. combination curb and gutter, etc., to Wright Constr. Co., 211 Flynn Bldg., $2.88 per sq.yd. for paving, $0.79 per cu.yd. excav., $1.49 for curb and gutter.

★**Ia., Des Moines**—City let contract paving West 16th St., brick on concrete base, to Des Moines Asphalt Paving Co., 7th St. and New York Ave. About $25,000. Noted July 21.

★**Ia., Waverly**—Bremer Co., let contract grading 10.7 mi. Federal Aid Project 88, east and west of here, involving 86,955 cu.yd. earth and 1,007 yd. rock excav., to Peterson, Shirley & Gunther, 1102 Woodmen of the World Bldg., Omaha, Neb., $0.42 per cu.yd. for earth and $3 for rock excav. Noted July 21.

Minn., Brainerd—City received bids grading 1,800 cu.yd. and paving 9,000 sq.yd. Front St. from 4th St. S., to 8th St. S., from S. A. Richies & Son 6226 Tower Ave., Superior, Wis., at $1.30 per cu.yd. for grading and $2.70 per sq.yd. for paving; Ostrand & Hollett, Crosby, $1.10, grading, $2.85 paving. Noted Aug. 4.

★**Minn., Grand Rapids**—Itasca Co. let contract paving 13¼ mi. Job 2101, State Rd. 6, from here to St. Louis Co. line, east of Keewatin, Federal Aid Project 157, Grand Rapids Marble Sect., to Johnson, Drake & Piper Inc., 912 Plymouth Bldg., Minneapolis, $417,957; 13¼ mi. Marble-Keewatin Sect., to Winston Bros. Co., 801 Globe Bldg., Minneapolis and E. W. Coons Co., 230 Center St., Hibbing, at $411,929. Work involves 288,000 sq.yd. paving 12,000 lin.ft. integral curb and 23,000 lin.ft. wood guard rail. Incorrectly noted Aug. 18.

★**Kan., Hiawatha**—Brown Co. let contract excavating and draining 6.896 mi. Federal Aid Project 84, Capitol Highway, 26 ft. wide, to Cook O'Brien Co., Ry. Exch. Bldg., Kansas City, Mo., $35,780.

★**Kan., Iola**—Allen Co. let contract grading and draining 4.018 mi. Ft. Scott-Wichita Highway, Federal Aid Project 81, involving 42,440 cu.yd. concrete, 775.4 cu.yd. Class A and 20 cu.yd. Class E concrete, 30 ton reinforcing steel, etc., to L. L. Beye, Eldorado, $153,384. Noted July 21.

★**Kan., Kansas City**—Wyandotte Co. let contract building 2.05 mi. Federal Aid Project 85, 36 ft. wide, to Rand Constr. Co., Concordia. About $30,000. Noted July 21.

★**Montana**—State Highway Dept., Helena, let contract grading 18 mi. Pipestone Pass Rd., south of Butte, Silver Bow Co., involving 62,000 cu.yd. excav., 122,300 sta.yd. overhaul, 2,600 lb. reinforcing steel, etc., to Heislet Constr. Co., Newhouse Bldg., Salt Lake City, Utah. About $73,000.

Streets and Roads (Continued)

★Mo., **Excelsior Springs**—Ctiy let contract paving various streets, vitr. brick on concrete base, to H. Tidd, Brookfield. About $25,000. Noted Aug. 4.

★Mo., **Kirksville**—Adair Co. let contract grading and draining various roads, to Cooper Constr. Co., Federal Reserve Bank Bldg., St. Louis, $28,829. Noted July 7.

★S. D., **Deadwood**—Lawrence Co. let contract grading and draining 7 mi. Black and Yellow Trail, to Shirley, Peterson & Gunther, 1217 Woodmen of World Bldg., Omaha, Neb., $48,726.

★S. D., **Winner**—Tripp Co. let contract grading 18 mi. Winner-Martin Rd., Federal Aid Project 78, 36 ft. wide, involving 100,000 cu.yd. excav., to Shirley, Peterson & Gunther, 1217 Woodmen of World Bldg., Omaha, Neb., $40,924. Noted June 16 under "South Dakota."

★Tex., **Austin**—G. S. Mathews, judge Travis Co., let contract grading, draining, bridging and surfacing with crushed rock, 9.15 mi. Highway 20, Kimbro Dist., to L. F. McMillan & Williamson Bros., Box 379, Austin, $131,558. Noted July 7.

★Tex., **McKinney**—Collin Co. let contract clearing, grubbing, grading and draining 8 mi. various roads in Pike Dist. 18, involving 14,775 cu.yd. roadway excav., 1,098 ft. 24-48 in. pipe, etc., to O'Neil Eng. Co., McKinney, $25,903.

★Wash., **Walla Walla**—Walla Walla Co. let contract building 8 mi. macadam road on Prescott-Upper Eureka Highway, to Clifton, Applegate & Toole, Hutton Bldg., Spokane, $76,151.

★Cal., **Los Angeles**—City let contract grading and paving Seward St. between Melrose St. and Santa Monica Blvd., involving 79,299 sq.ft. concrete, etc., to W. Liddington, 420 East 60th St., $25,489.

★Ont., **Oshawa**—Town let contract 6,000 sq.yd. asphalt paving on concrete base, 3,500 ft. concrete curbs and gutter, to Standard Paving Co., Central Chambers, Ottawa. About $35,000.

★Ont., **Paris**—Town let contract building 10,000 sq.yd. pavement to Grant Contg. Co., 50 Front St. E., Toronto. About $39,000.

★Ont., **Wingham**—City let contract paving Main St., to Brennan Contg. Co., Wingham. About $35,400.

Industrial Works

PROPOSED WORK

Conn., Wallingford—H. L. Judd Co., 42 South Cherry St., having plans prepared by Lockwood, Greene & Co., archts. and engrs., 101 Park Ave., New York City, for brick and concrete addition to factory, here. About $100,000.

N. Y., Buffalo—Iroquois Natural Gas Co., Iroquois Bldg., plans to build plant. About $4,000,000. L. Brown, Iroquois Bldg., engr.

N. Y., Eastwood—Lamson Co., 196 Walker St., Lowell, Mass., having plans prepared by J. T. Cowley, archt. and engr., Lowell, Mass., for factory, here. About $500,000.

N. Y., New York—Fordham Plaza Auto Co., Inc., 1856 Bath Ave., Brooklyn, having plans prepared by C. Clark, archt. and engr., 441 Tremont Ave., for 3 story, 100 x 160 ft., brick, steel and concrete garage, concrete foundation, on Webster Ave. near 189th St., Bronx. About $150,000.

N. J., Camden—L. Sharp, 22nd and Federal Sts., receives bids about Sept. 1, building 1 story, 50 x 100 ft., concrete, brick and steel garage, concrete foundation, on 43rd and Federal Sts. About $40,000. B. H. Lackey, 507 Federal St., archt.

Pa., Phila.—M. A. Bernhardt, archt., 721 Walnut St., preparing plans for 1 story, 70 x 150 ft., rein.-con., steel and brick garage, rein.-con. flooring, concrete foundation, on Broad and Moyamensing Aves. About $75,000. Owner's name withheld.

Pa., Phila.—N. E. Supowitz, archt., 929 Chestnut St., soon receives bids building 2 story, 46 x 110 ft., rein.-con., steel and brick garage, rein.-con. flooring, concrete foundation, at 715-19 South 6th St. About $60,000. Owner's name withheld.

Md., Baltimore—Franklin Motor Car Co., 1017 North Eutaw St., having plans prepared by O. G. Simonson, archt., Maryland Casualty Bldg., constructing 3 story, 40 x 75 ft., brick and steel sales and service building, on Biddle and Charles Sts.

Md., Baltimore—Western Maryland Dairy Co. having plans prepared by J. E. Sperry, archt., Calvert Bldg., constructing dairy on Linden and Dolphin Sts. About $260,000. A. B. Gardner, pres. K. W. Schantz, 768 Potomac Ave., Buffalo, N. Y., engr.

D. C., Wash.—Weller Constr. Co., 816-14th St., N. W., preparing plans building brick and concrete storage building at 4½ and D Sts. About $500,000. Owner's name withheld.

W. Va., Altavista—Altavista Photo Play Co., c/o Meanor & Handloser, archts., Robson-Pritchard Bldg., Huntington, having plans prepared for 1 and 2 story, 75 x 125 ft. and 80 x 90 ft. moving picture plant, brick and steel. About $75,000.

O., Cleveland—Carris-Franklin Sales Co., 3622 Prospect Ave., plans to build 2 story, brick and steel garage, brick foundation. About $100,000. C. L. Carris, mgr. Private plans.

O., Cleveland—International Steel Tie Co., 16702 Waterloo Rd., plans to build 1 story, 40 x 120 ft., brick and steel factory, brick foundation. About $40,000. W. C. Mahon, secy. Private plans.

O., Cleveland—S. Glazer, 603 Republic Bldg., having plans prepared by E. A. Curtis, archt., for 1 story, 65 x 140 ft., brick and steel garage, brick foundation, on Euclid Ave. near 105th St. About $60,000.

O., Cleveland—M. L. and I. G. Kohn, 722 Natl. City Bldg., plans to build 3 story, brick and steel garage, brick foundation, on Carnegie Ave. and East 36th St. About $100,000. Private plans.

O., Shaker Heights—See "Buildings."

Ill., Carrollton—City plans to build electric light plant. About $90,000. I. Lender, clk. Engineer not selected.

Ill., Chicago—Hadomac Constr. Co., 111 Washington St., having revised plans prepared for 5 story, 64 x 171 ft. rein.-con. and brick factory and office on 36th Pl. and State St. About $450,000. Private plans.

Ill., Chicago—Niagara Radiator & Boiler Co., North Tonowanda, N. Y., having plans prepared and soon receives bids, building 1 story, 140 x 175 ft., brick and steel foundry, 63d St. and Woodlawn Ave. About $100,000. E. C. Andrews, pres. Private plans.

Ill., Chicago—W. G. Uffendell, archt., 39 South State St., receives bids about Sept. 15, building 3 story, 75 x 200 ft., rein.-con. and steel garage at 4616 Winthrop Ave., for Sheridan-Wilson Garage Co., 64 West Randolph St. About $150,000.

Wis., Appleton Junction—Traas Candy Co., Appleton, having preliminary plans prepared building 3 story, 40 x 90 ft., rein.-con., brick and tile candy factory, brick foundation, on Main St., here. About $50,000. Private plans.

Wis., Edgerton—Highway Trailer Co., c/o J. W. Menhall, pres., having plans prepared for 2 story, 60 x 180 ft., rein.-con. and steel factory and office building, brick foundation. About $55,000. Private plans.

Wis., Elkhart Lake—Public Service Co., c/o W. A. Burke, secy., had plans prepared and will receive bids about Sept. 1 for 1 story, 60 x 110 ft., brick and rein.-con. power and machine shop. About $100,000. Private plans.

Wis., Kenosha—C. O. Augustine, archt., Kenosha, receives bids about Sept. 1, building 1 story, 100 x 100 ft., rein.-con. factory addition, rein.-con flooring, plain foundation, for P. Pirsch & Co., Fairfield Ave. About $50,000.

Wis., Menasha—United Paper Corp., c/o J. S. Frankland, pres., having preliminary plans prepared for 4 story, 60 x 110 ft., rein.-con. and steel paper factory (2nd unit), rein.-con. flooring, on Main St. About $100,000. Private plans.

Wis., Neenah—E. A. Wettengel, 578 Pierce Ave., Appleton, having plans prepared building 1 and 2 story, 80 x 555 ft., brick, rein.-con. and steel paper mill, rein.-con. flooring, brick foundation, on Blair Spring site. About $800,000. Private plans.

Wis., North Milwaukee—J. Greenebaum Tanning Co. receiving bids constructing 2 story, 50 x 70 ft. brick tannery building, plain foundation. About $40,000. Private plans.

Wis., Rice Lake—Brunett Heating Co., c/o S. A. Brunett, pres., Minneapolis, Minn., having plans prepared for 5 story, 60 x 150 ft., rein.-con., steel and brick furnace factory, rein.-con. flooring, brick foundation here. About $500,000. Private plans.

Wis., Sheboygan—Trilling—Kill Oil Co., Sheboygan, plans to build 2 story, 60 x 200 ft., rein.-con. warehouse, rein.-con. flooring, brick foundation. About $75,000. Architect not selected.

Minn., Minneapolis—Bd. Park Comrs., City Hall, plans to build 2 story, rein.-con., brick and tile storage plant and laundry, on Lyndale and Farmstead Sts. About $175,000. J. A. Ridgway, secy. Architect not announced.

Okla., Pawhuska—City election Sept. 6, to vote on $113,000 bonds to build electric light plant. H. G. Olmsted & Co., Trademan's Bank Bldg., Oklahoma City, engrs.

Cal., Coyote Wells—California Gypsum Corp., 731 Pacific Finance Bldg., having plans prepared for gypsum plant. About $350,000. R. W. Waterman, Hotel Clark, Los Angeles, engr.

Cal., Los Angeles—C. C. Brown Candy Co., 621 South Olive St., having plans prepared by T. B. Kein, Jr., archt., 719 Haas Bldg., for 3 story, 60 x 165 ft., brick factory, concrete foundation, on Flower St near 8th St.

Cal., Los Angeles—Swift & Co., 922 East 1st St., having plans prepared for 1 story, brick and concrete addition to packing plant, at 922 East 1st St. About $60,000. J. E. Chatem, supt. Private plans.

Ont., Clifford—Town plans to rebuild lighting plant. Prices wanted on all materials. Address J. R. Aitchison, Clifford.

Ont., Simcoe—Comet Automobile Co., 156-160 South Water St., Decatur, Ill., plans to build factory here. About $50,000.

Ont., Windsor—Canadian Planet Eng. Co. plans to build factory here. About $75,000. H. Johnstone, mgr.

BIDS DESIRED

R. I., Providence—Monks & Johnson, archts. and engrs., 99 Chauncy St., Boston, receiving bids building 1 story, brick, steel and concrete factory, rein.-con. flooring, on North Main St., here, for Williams & Anderson Co., 33 Broad St. About $60,000. Noted Aug. 18.

Conn., New Haven—Westcott & Mapes, Inc., archts and engrs., 207 Orange St., receiving bids building 1 story, 80 x 80 ft., rein.-con., brick and steel power house, rein.-con. flooring, concrete foundation, on Temple St., for Estate of E. Malley, 902 Chapel St. About $150,000. Noted Aug. 18.

Pa., Pittsburgh—J. Kossler, 148 Wabash St., receiving bids building 2 story, 63 x 80 ft., concrete, brick and steel garage, rein.-con. flooring, on Main St., West End. About $40,000. C. H. Geisler, Appollo Bldg. archt.

Pa., Pittsburgh—Point Motor Co., 36 Penn Ave., receiving bids altering and building 3 story, 75 x 110 ft., concrete, brick and steel addition to garage, rein.-con. flooring, on Penn Ave. and Bell Alley. Cost between $40,000 and $50,000. J. P. Piper, Pittsburgh, archt.

O., Cleveland—Koller Bros., 724 Prospect Ave., receiving bids building 1 story, 50 x 106 ft., brick and steel garage, brick foundation, at 703 Huron Rd. About $50,000. J. L. Cameron, 10406 Euclid Ave., archt.

Ill., Chicago—P. Gerhardt, archt., 64 West Randolph St., receiving bids building 7 story, 61 x 100 ft., brick, concrete and stone factory at 359 Ontario St. About $300,000. Owner's name withheld.

Ill., Chicago—Hinckley & Schmitt, 418 West Ontario St., receiving bids building 2 story, 100 x 200 ft., mill construction addition to factory, concrete foundation. About $100,000. H. C. Hengels, 425 East Water St., Milwaukee, Wis., archt. and engr.

Wis., Green Bay—Americ Lumber & Mfg. Co., South Pearl St., receiving bids building 2 story, 150 x 160 ft., rein.-con., brick and tile warehouse and factory, rein.-con. flooring, brick foundation, on Pearl St. About $50,000. Private plans.

Wis., Milwaukee—Until Aug. 29, by M. Tullgren & Sons, archts., 425 East Water St., building 1 and 2 story, 120 x 220 ft., brick factory, concrete flooring, plain foundation, on Franklin St., for Rosenberg Elevator Co., 174 Reed St.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

★Mass., **Springfield**—G. Chaplin, 374 Main St., will build 1 story, brick, steel and concrete garage, rein.-con. flooring, Ft. Pleasant Ave. About $40,000. Work will be done by day labor.

★Mass., **Springfield**—Noyes Buick Co., 758 Main St., will build 1 story, 100 x 185 ft., rein.-con., brick and steel garage, sales and service station on Main St. About $125,000. Work will be done by day labor.

★Conn., **Hartford**—New England Brewing Co., 513 Windsor Ave., let contract building 3 story, 85 x 200 ft., rein.-con. and brick factory, rein.-con. flooring, on Windsor St., to Ahern & Welch Co., 721 Main St. About $75,000.

★Conn., **Hartford**—United States Envelope Co., Cypress St., Springfield, Mass.,

Industrial Works (Continued)

let contract for alterations to factory on Pearl St., here, to Casper Ranger Constr. Co., 20 Bond St., Holyoke, Mass. Cost between $50,000 and $60,000.

★**Conn., Norwich**—Yantic Grain & Products Co., Yantic, will build 1 story, 110 x 170 ft. warehouse, with 84 x 170 ft. ell, along Central Vermont R.R. Work will be done by day labor.

★**N. Y., Albany**—Gibson-Snow Drug Co., Bway. and Orange St., let contract building 4 story, 38 x 106 ft., brick and timber factory, brick foundation, to H. K. Ferguson Co., 6523 Euclid Ave., Cleveland. About $160,000.

N. Y., Ithaca—C. D. Bostwick, comptroller, at his office Cornell University, opened bids Aug. 18, constructing dairy industry building, at Cornell University, (a) construction, including heating, sanitary and electric work, (b) construction, (c) heating, (d) sanitary work, (e) electric work, from M. Kantrowitz, 20½ Market St., Albany, (a) $499,700; (b) $392,600; J. D. Taylor Constr. Corp., 115 South Salina St., Syracuse, (b) $347,174; Drummond-Miller Co., 4500 Euclid Ave., Cleveland, (b) 349,800; W. H. Taylor & Co., 256 Hamilton St., Allentown, Pa., (c) $19,140, (e) $10,690; G. H. Drake, Inc., 218 Lexington Ave., Buffalo, (c) $21,530, (d) $20,130; G. Woodward, Jr. & Co., Ithaca (c) $22,-531, (e) $10,957; Power Efficiency Corp., White Bldg., Buffalo, (c) $23,486, (d) $23,-468; E. W. Tompkins & Co., Albany, (d) $23,273; F. T. Ley & Co., Inc., 495 Main St., Springfield, Mass., (e) $10,577. Noted July 28.

★**N. Y., Syracuse**—Meldrum-Gabrielson Corp., Industrial Bldg., let contract building 1 and 2 story, 60 x 160 ft., concrete, brick and steel machine shop, on West Fayette St., to Dawson Bros., Union Bldg. About $75,000. Noted June 2.

★**N. Y., Syracuse**—Onondaga Pottery Co., 1858 West Fayette St., let contract building 1 story, 140 x 700 ft., concrete, brick and steel plant, on Court St. Rd., to Dawson Bros., Union Bldg. About $200,000.

★**Pa., Carbondale**—Hendrick Mfg. Co. let contract building 1 story, 100 x 220 ft., brick and steel, boiler shop, concrete foundation, to Austin Co., Bulletin Bldg., Phila. About $100,000.

★**Pa., Phila.**—Tazewell Mfg. Co., Tazewell, Va., let contract building 3 story, 60 x 200 ft., rein.-con., brick and steel bottling plant, rein.-con. flooring, concrete foundation, to Austin Co., Bulletin Bldg. About $70,000.

★**Pa., Pittsburgh**—Natl. Biscuit Co., 201 10th St., let contract building, altering and building addition to 6 story, brick and steel factory at 409 Liberty Ave., to Turner Constr. Co., 242 Madison Ave., New York City. About $75,000.

★**Pa., Punxsutawney** — Punxsutawney Beef & Provision Co. let contract building 2 story, 80 x 100 ft. concrete and steel storage plant, rein.-con. flooring, to Walker & Curley, Arrott Bldg., Pittsburgh. Cost between $40,000 and $50,000.

★**Md., Baltimore**—Adamantex Brick Co., Arbutus, let contract building 2 story, 162 x 268 ft., brick and steel brick making plant, to L. V. Thayer Constr. Co., 25 West 43rd St., New York City. About $150,000.

★**O., Cleveland**—J. Kirby, Kirby Bldg., let contract building 5 story, 62 x 130 ft., brick, steel and concrete garage, rein.-con. flooring, brick and concrete foundation, on West 6th St., and Frankfort Ave., to H. K. Ferguson Co., 6523 Euclid Ave. About $200,000. Noted July 21.

★**Ill., Chicago**—Illinois Steel Co., 3426 East 89th St., having plans prepared by L. C. Holmbee, archt., 3426 East 89th St., for 3 story, 92 x 375 ft., brick and steel power plant, at 3400 East 87th St. About $350,000. Work will be done by day labor.

★**Wis., Hartford**—Portz Bros. Malt Co. let contract building 4 story, 64 x 120 ft., rein.-con., steel and brick condensory and pasteurizing plant, rein.-con. flooring, brick foundation, to J. Thorn, East Main St., about $150,000.

★**Wis., Manitowoc**—Manitowoc Co. let contract building 1 story, 40 x 92 ft., rein.-con., steel and brick machine shop, rein.-con. flooring, brick foundation, to H. V. Hertting, Inc., Dempsey Bldg. About $40,000.

★**Wis., Milwaukee**—Best Block Co., 1228 Humboldt Ave., let contract building 1 story, 50 x 60 ft., concrete and brick factory (1st unit), rein.-con. flooring, plain foundation, on Keefe Ave., to O. Oestreich, 1619 4th St. About $40,000. Noted Aug. 18.

Wis., Milwaukee—Sixteenth St. Garage 191 16th St., let contract building 1 story, 50 x 82 ft., brick and concrete garage addition, rein.-con. flooring, plain foundation, to R. Reisinger & Co., 464 Oakland Ave., about $40,000.

★**Wis., Stevens Point**—G. A. Sutherland, 1210 Swisior St., let general contract building 1 story, 55 x 100 ft., rein.-con. and steel garage, etc., rein.-con. flooring, brick foundation on Main St., to Otrich & Shropshire, Stevens Point, about $40,000.

★**Wis., Wauwatosa**—Sanitarium—Milwaukee Sanitarium, West Main St., let contract building 3 story, 92 x 200 ft., tile and concrete, rein.-con. flooring, concrete foundation, to C. R. Meyer & Sons, 50 State St., Oshkosh. About $150,000. Noted July 28.

★**Minn., Minneapolis**—Pence Auto Co., 8th St. and Hennepin Ave., let contract building 1 story, 100 x 220 ft., concrete and brick factory at 2401 Bway., N. E., to Spaldy & Haagenson, 1022 Plymouth Bldg. About $45,000.

★**Mo., Kansas City**—Church—Country Club Christian Church, c/o L. Bacon, chn., New England Bldg., let contract building 2 story, irregular shaped, brick and stone, on 61st St. and Ward Parkway, to J. C. Hendrickson, 2452 Norton Ave. About $150,000.

★**Mo., Springfield**—Church—Campbell St. Methodist Episcopal Church, c/o W. F. McMurray, pastor, let contract building 2 story, brick, stone and steel, to A. Maggi, Springfield. About $150,000. Noted Dec. 30.

★**Mo., St. Louis**—Eagle Motor Truck Co., c/o J. P. Reis, 6154 Bartmer Ave., let contract building 1 story, 50 x 50 ft., brick factory, at 6154 Bartmer Ave., to Robinan & Sons, 6063 Clemons Ave. About $50,000. Noted May 12.

★**Tex., Dallas**—Peaslee Gaulbert Co., 413 West Main St., Louisville, Ky., let contract building 1 story 100 x 330 ft., brick and concrete factory and warehouse, here, to Mahaffey & Howard, Gaston Bldg. About $50,000.

Buildings

PROPOSED WORK

Mass., Longmeadow (Springfield P. O.)—Church—St. Mary's Parish plans to build 1 story, stone, R. Murphy, pastor. About $150,000. Architect not selected.

Mass., Palmer—High School—Town plans to build 2 story, brick and concrete, on Converse St. About $150,000. H. M. Parsons, chn. com. M. W. Maloney, 145 Chestnut St., Springfield, archt.

Conn., Bridgeport — Bank — Commercial Bank & Trust Co., 1334 Main St., having plans prepared by A. Hopkins, archt., 101 Park Ave., New York City, for 1 story, brick, stone and marble, on Main St. About $150,000.

Conn., Bristol — Church — St. Stanislaus Polish Church had plans prepared by J. A. Jackson, archt., 660 George St., New Haven, for 1 story, 72 x 131 ft., brick, steel and limestone, on West St. About $150,000. G. Bartlawski, pastor.

Conn., New Britain—Convent, etc.—Society of Children of Mary, c/o H. F. Ludorf, archt., Mutual Bldg., having plans prepared for 3 story, brick and concrete, on Orange St. About $200,000.

Conn., New Britain—Theatre, etc.—S. Shurburg, 55 Franklin St., having plans prepared by F. C. Waltz, archt., 407 Trumbull St., Hartford, for 2 story, brick and steel addition to business building on Main St., also theatre in rear of property to seat 3,900. About $150,000.

Conn., New Haven — Club and Gymnasium—St. Michaels Young Mens Club, Greene St., having plans prepared by Della Valle & Vece, archts., Exchange Bldg., for 3 story, 50 x 150 ft., brick, concrete and steel, on Green St. About $150,000.

N. Y., New York — Apartment — M. Deutsch, archt. and engr., 50 Church St., prepared plans for 5 story, brick, steel and stone, concrete foundation, on 140th St. and Brook Ave. About $150,000. Owner's name withheld.

N. Y., New York—Church—Third Church of Christ Scientist, Park Ave. and 63d St., having plans prepared by Delano & Aldrich, archts., 126 East 38th St., for 2 story, 100 x 100 ft., brick, steel and stone, concrete foundation. About $200,000.

N. Y., Syracuse—Physicians—P. S. Andrews, atty., 1st Trust Company Bldg., had plans prepared by D. R. Collins, archt. and engr., Union Bldg., for 8 story, 71 x 104 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on East Genesee St. About $400,000.

N. J., North Bergen (Weehawken P. O.)—Schools—Bd. Educ. plans to build addition to School 2 in Woodcliff Sect., cost $175,000; new Junior High School in Woodcliff Sect., $750,000; addition to school in New Durham Sect., $300,000. T. Harmon, North Bergen, engr.

N. J., Trenton—Temple—Mercer Co. Central Labor Union, 47 North Clinton Ave., having plans prepared by W. Hankin, archt., 241 South Warrent St., for 72 x 139 ft. temple. About $400,000. Noted June 30.

Pa., Pittsburgh—Theatre—and Office—Steel City Amusement Co., 801 Wylie Ave., having plans prepared by Simms, Britain & English, archts., Magee Bldg., for 4 story, 60 x 210 ft., concrete, steel and brick, rein.-con. flooring, on Centre and Montrose Aves. About $250,000.

D. C., Wash.—Club—Woman's Natl. Foundation Club plans to build club, 250 rooms, at 20th St. and Florida Ave. B. Hoffman, 120 West 32nd St., New York City, archt.

D. C., Wash.—Theatre—H. M. Crandall, 3321 16th St., N. W., plans to build motion picture theatre, at 14th St. and Park Rd., N. W. About $500,000. R. Greare, Woodward Bldg., archt.

W. Va., Huntington—Theatre, Store and Office—Equitable Amusement Co., c/o Meanor & Handloser, archts., Robson-Prichard Bldg., having plans prepared for 3 or 6 story, 90 x 160 ft., concrete, steel and brick, rein.-con. flooring. Cost between $300,000 and $400,000.

W. Va., Terra Alta—Hospital—State Bd. Control, Charleston, having plans prepared by H. R. Warne, archt., Masonic Temple, Charleston, for hospital. About $150,000.

N. C., Charlotte—Temple—Oasis Temple of Mystic Shrine having plans prepared by L. D. Sutherland, archt., 509 Kingston Ave., for temple. About $350,000.

N. C., Fremont — School — Bd. School Trustees plans to build school. Bonds for $150,000 voted for project.

Tenn., Nashville—School—State Bd. Administration having preliminary plans prepared by Marr & Holman, archts., 701 Stahlman Bldg., for school for feebleminded, near here. About $300,000. L. T. Pope, secy.

O., Amherst—School—Bd. Educ. having plans prepared by R. S. Silsby, archt., 901 Lorain Co. Bank Bldg., Elyria, for 2 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation. About $200,000.

O., Cleveland—Commercial—W. B. Cohen and D. Koblitz, Prospect Bldg., having plans prepared by J. L. Weinberg, archt., Fidelity Mortgage Bldg., for 4 story, 62 x 100 ft., brick and steel, brick foundation, on Central Ave. and East 14th St. About $150,000.

O., Cleveland—Community Center—Cuyahoga Center—Cuyahoga Garage Co., c/o G. Deisman, vice-pres., 8810 Harvard Ave., plans to build 2 story, 196 x 350 ft., brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, on Bway. and Harvard Ave. About $300,000. Architect's name withheld.

O., Cleveland — Hotel — Cutler Turkish Bath Co., Public Sq., having plans prepared by P. Matzinger, archt., Caxton Bldg., for 6 story, 40 x 170 ft., brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, at 1122 Prospect Ave. About $300,000.

O., Columbus—High Schools—Bd. Educ., Town and High Sts., sold $3,000,000 bonds to build 3 large high schools. Howell & Thomas, archts., 4500 Euclid Ave., Cleveland, prepared preliminary plans for East High School, 3 story, 200 x 375 ft., brick, stone and concrete, containing auditorium, chemical and physical laboratories, gymnasiums and score of class rooms, on East Broad St. Noted July 14.

O., Hiram — Dormitory — Bd. Trustees Hiram College having plans prepared by A. Garfield, archt., Natl. City Bldg., Cleveland, for 2 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation. About $200,000.

O., Shaker Heights—Commercial, etc.—Moreland Development Co., Marshall Bldg., Cleveland, having plans prepared by A. W. Harris, archt., Schofield Bldg., Cleveland, for 4 story, brick, steel and concrete commercial and garage, rein.-con. flooring, brick and concrete foundation, on Shaker Blvd. and Market St., here. About $250,000.

Buildings (Continued)

O., Sheffield (Lorain P. O.)—School—Bd. Educ., Elyria, having plans prepared by R. S. Silsby, archt., 901 Lorain Co. Bank Bldg., Elyria, for 2 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, here. About $180,000.

O., Springfield—Dormitory—Bd. Trustees Wittenberg College having plans prepared by H. D. Smith, archt., Town and High Sts., Columbus, for 3 story, 15 x 40 ft., brick and concrete, on campus. About $100,000.

Ind., Richmond—Hospital—Read Hospital having preliminary plans prepared by E. F. Stevens, archt., 9 Park St., Boston, Mass., for 3 story, brick and concrete addition on 10th St. About $150,000.

Ind., South Bend—Hotel—J. Handelman, Kimball Bldg., Chicago, Ill., having plans prepared by J. S. Aroner & Co., 304 South Wabash Ave., Chicago, for 8 story, 150 x 175 ft., concrete and brick, on Main St. and City Hall, here. About $600,000.

Mich., Detroit—Church—North Woodward Methodist Episcopal Church having revised plans prepared by W. E. N. Hunter, archts., 1436 Washington Blvd., for 2 story, rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Woodward and Marston Aves. About $500,000. P. Voorhies, 1180 Longfellow Ave., chn. bldg. comn.

Mich., Detroit—Museum—Fine Arts Comn., 2900 East Jefferson Ave., having revised plans prepared by P. Gret, Zantzinger, Borie & Medary, archts., 112 South 16th St., Phila., for 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Woodward Ave. About $3,000,000. W. J. Gray, 2900 East Jefferson Ave., pres. Noted Feb. 10.

Mich., Grand Rapids—School. Bd. Educ., City Hall, having plans prepared by H. H. Turner, archt., Michigan Trust Bldg., for 2 story, rein.-con., brick, stone and steel, concrete foundation. About $200,000.

Mich., Kalamazoo—Library—Michigan State Normal School having plans prepared by H. H. Turner, archt., Michigan Trust Bldg., Grand Rapids, for 2 story, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Normal Grounds. About $300,000.

Ill., Bradford—Church—St. John's Catholic, c/o A. A. Stapleton, pastor, plans to build 2 story, rein.-con., brick and stone. About $150,000. Architect not selected.

Ill., Champaign—Apartment—Howard & Nash Real Estate Co. having plans prepared by G. Ramey, archt., Roberson Bldg., for 3 story, 40 x 140 ft., rein.-con., brick and stone. About $150,000.

Ill., Champaign—Dormitory—Rotary Club, c/o H. K. Millard, plans to build 3 story, rein.-con., brick, stone and steel. About $150,000. Architect not selected.

Ill., Charleston—High School—Bd. Educ., c/o C. B. Nuchmore, secy., plans to build 2 story, rein.-con., brick and stone. About $150,000. Architect not selected.

Ill., Chicago—Apartment—H. Apfelbach, archt., 111 West Monroe St., preparing plans and soon receives bids building 2 story 60 x 105 ft., brick and stone, at Arthur and Glenwood Sts., for J. N. Navin, c/o archt. About $200,000.

Ill., Chicago—Apartment—S. A. Danielson, 5349 North Paulina St., having plans prepared by A. Sandsgren, archt., 116 East Oak St., and soon receives bids building 3 story, 160 x 175 ft., brick and stone, on Sheridan Rd. and Lunt Ave. About $500,000.

Ill., Chicago—Apartment—A. Tiesen, archt., 4804 North Kedzie Ave., preparing plans and soon receives bids building 3 story, 100 x 175 ft., brick and stone, at 6110-18 Winthrop St., for Plotke & Grosby, 2532 North Clark St. About $175,000.

Ill., Chicago—Ballroom—Fantasia Corp., c/o J. S. Aroner, archt., 25 East Jackson Blvd., having plans prepared for 1 story, rein.-con., brick and steel, on 64th St. and Cottage Grove Ave. About $750,000. M. W. Allen, pres.

Ill., Chicago—Hotel—Churchill Hotel Corp., c/o W. L. Ross, 80 East Jackson Blvd., having plans prepared by Holabird & Roche, archts., 104 South Michigan Ave., for 9 story, 113 x 116 ft., rein.-con., brick and stone, on State and Goethe Sts. About $1,000,000.

Ill., Chicago—Store and Theatre—E. Stern, 922 Gault Ave., having plans prepared by W. Ahlschlager, archt., 65 East Huron St., for 2 story, 260 x 300 ft., brick, stone and terra cotta, at 1617-37 Belmont Ave. About $2,000,000.

Ill., Chicago—Temple—Memorial Masonic Temple Assn., c/o G. E. Dewy, pres., 740 East 41st St., had plans prepared by S. C. Dyer, archt., 38 South Dearborn St., for 3 story, 150 x 150 ft., rein.-con. and brick, on 49th St. and Drexel Blvd. About $550,000.

Ill., Chicago—Temple—Prince Hall Masonic Temple Assn., c/o T. N. Sellers, 5756 South State St., having plans prepared by F. L. Fry, archt. and engr., 140 South Dearborn St., for 5 story, 100 x 161 ft., rein.-con. and brick, on 56th and State Sts. About $800,000.

Ill., Cicero—Theatre—P. Gerhardt, archt., 64 West Randolph St., preparing plans for 2 story, 125 x 185 ft., rein.-con., brick and terra cotta. About $500,000. Owner's name withheld.

Ill., Jacksonville—Library and Administration—Illinois College, c/o C. A. Rammelkamp, pres., having plans prepared by H. Shaw, archt., 39 South State St., Chicago, for 2 story, brick, stone and rein.-con. About $150,000.

Ill., Rogers Park (Chicago P. O.)—Apartment—J. Jensen, archt., 4815 North Lawndale Ave., Chicago, preparing plans for 3 story, 150 x 200 ft., brick and stone. About $300,000. Owner's name withheld.

Ill., Toulon—High School—Bd. Educ. rejected bids building 2 story, brick, stone, rein.-con. and steel. About $150,000. J. A. Newlan, secy. Hewitt & Emerson, 321 Main St., Peoria, archts. Noted July 14.

Ill., Urbana—Hospital—St. Mary's Mercy Hospital, Urbana, c/o R. Flynn, 612 East Park Ave., Champaign, plans to build 3 story, rein.-con. and brick, here. About $175,000. Architect not selected.

Wis., Madison—Church—W. Jones, archt., 19 LaSalle St., Chicago, preparing plans and soon receives bids building 3 story, 75 x 100 ft., rein.-con., brick and stone, here, for First Methodist Episcopal Church, c/o archt. About $300,000. Noted July 28.

Wis., Milwaukee—Nursery—St. Francis Day Nursery, 668 4th St., having plans prepared by A. Dohmen, archt. and engr., 68 Wisconsin St., for 4 story, 100 x 120 ft., brick and steel, rein.-con. flooring, concrete foundation, on 4th St. About $150,000.

Wis., Milwaukee—Schools—School Bd. having plans prepared by Van Ryn & DeGelleke, archts., 114 Grand Ave., for 1 and 2 story brick and concrete additions, rein.-con. flooring, concrete foundations, on Dover St., cost $38,000; Center St., $87,500; 2nd Ave., $75,000; Detroit St., $41,500; Island Ave., $80,000; Hanover St., $65,000; 5th St., $26,000; Prairie St., $30,000. F. Harback, secy.

Wis., Milwaukee—Theatre and Business—Teutonia Ave., Realty Co., 1110 Teutonia Ave., had plans prepared by Dick & Bauer, archts., 811 State St., for 2 story, 85 x 200 ft., rein.-con. and brick, rein.-con flooring, plain foundation, on Teutonia Ave. About $200,000.

Wis., Wauwatosa—School and Auditorium—Holy Cross Catholic Congregation having plans prepared by Bocks & Pfaller, archts. and engrs., 216 West Water St., for 2 story, 94 x 115 ft. and 1 story, 45 x 80 ft. brick, concrete and steel, rein.-con. flooring, concrete foundation, on Blue Mound Rd. About $150,000. P. Schroeder, pastor.

Ia., Clarinda—High School—Bd. Educ., c/o H. S. Stephens, secy., having plans prepared by Keffer & Jones, archts., Masonic Temple, Des Moines, for 2 story, rein.-con., brick, steel and stone. About $200,000.

Ia., Council Bluffs—Church—First Baptist Congregation having plans prepared by W. C. Jones, archt., 19 South La Salle St., Chicago, for 2 story, 50 x 125 ft., rein.-con., brick and stone. About $150,000.

Ia., De Soto—School—City plans election Aug. 30 to vote on $150,000 bonds to build school. J. Bower, secy. Bd. Educ.

Kan., Leavenworth—Hospital—Natl. Soldiers Home, c/o W. S. Albright, Bway. and Oak Sts., having plans prepared by W. P. Feth, archt., 405 Delaware St., for 4 story, brick and rein.-con. About $1,000,000.

Kan., Topeka—Church—First Methodist Episcopal Church, 6th and Harrison Sts., plans to build 2 story, native stone, brick and steel. About $150,000. E. J. Kulp, pastor. Architect not selected.

Neb., Fremont—High School—Bd. Educ. having plans prepared by A. H. Dyer & Co., archts., Fremont, for 2 story, 102 x 166 ft., rein.-con., brick and stone. About $250,000.

Mo., St. Louis—Temple—Masonic Temple (Blue Lodge), c/o J. Jones, Ry. Exch. Bldg., having plans prepared by Eames, Yoring & A. B. Groves, archts., Arcade Bldg., for 2 story, rein.-con., brick, stone and steel, on Lindell and Spring Aves. About $1,500,000.

Tex., Dallas—Club—Y. W. C. A., c/o W. D. Felder, pres. Y. W. C. A. Bldg. Comn., having plans prepared by C. D. Hill & Co., archts., Sumpter Bldg., for 4 story, rein.-con., brick and steel. About $350,000.

Tex., Dallas—School—City had plans prepared and soon receives bids building 2 story, 160 x 175 ft., brick, on Gaston and Washington Sts. About $175,000. De Witt & Lemmon, 806 Southwest Life Bldg., archts.

Cal., Long Beach—Telephone Exchange—Associated Telephone Co., 225 East 1st St., having plans prepared by W. H. Austin, archt., 1st Natl. Bank Bldg., for 3 story, at 5th and Elm Sts. About $250,000.

Que., Montreal—Courthouse—Provincial Government, Quebec, soon receives bids building annex to courthouse. About $3,000,000. E. Cormier, Drummond Bldg., ch. engr.

Ont., St. Catherines—Institute and School—Bd. Educ., 13 Welland Ave., having plans prepared by S. B. Coon & Sons, archts., 4 St. Thomas St., Toronto, for 3 story (20 room), rein.-con., brick and steel Collegiate institute and technical school on Geneva St. About $600,000.

BIDS DESIRED

Maine, West Pownal—Home—Until Aug. 30, by State, State House, Augusta, building 1 story 50 x 175 ft., dining building, 2 story, 32 x 135 ft. dormitory with 2 wings, 32 x 47 ft. each, brick and cast stone, concrete foundations, here. About $250,000. H. S. Combs, Lewiston, archt.

Mass., Boston—Theatre and Office—Until Aug. 31, by Mowell & Rand, archts., 50 Bromfield St., building 8 story, 100 x 256 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on Washington St., for Olympia Theatre, Inc. About $1,000,000.

Conn., New Haven—Hospital—C. S Palmer, archt., 114 Whitney Ave., receiving bids building 4 story, 50 x 125 ft., brick, concrete and steel, private ward building, rein.-con. flooring, concrete foundation, for New Haven Hospital, 330 Cedar St. About $400,000.

N. Y., Brooklyn—School—Until Sept. 2, by C. B. J. Snyder, supt. School Bldgs., Municipal Bldg., New York City, altering and building additions to P. S. 136, on 4th Ave. between 40th and 41st Sts. Noted Dec. 9.

N. Y., Coney Island—Bath House—Until Aug. 31, by E. Riegelmann, pres. Brooklyn Boro., building addition to municipal bath house on Concourse Dr. and 5th St., here. Noted May 19.

N. Y., Perrysburg—Hospital—Until Sept. 6, by Com. of Parks & Buildings, Municipal Bldg., Buffalo, constructing additions to present buildings, also various new buildings, here. Former bids rejected. Noted July 28.

N. Y., Rochester—School—Until Sept. 6, by Bd. Educ. building P. S. 44, 3 story, 90 x 146 ft., rein.-con., brick and steel, concrete foundation, on Chili Ave. About $205,000. E. S. Gordon, 125 Sibley Blk., archt.

Pa., Phila.—Theatre and Store—Until Sept. 1, by Hoffman-Henon Co., archts., Finance Bldg., building 7 or 9 story, 62 x 180 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, on 11th and Market Sts., for Stanley Co. of America, Palace Theatre Bldg. About $1,500,000. Noted April 21.

Pa., Pittsburgh—High School—Until Sept. 8, by Bd. Educ., building Westinghouse High School and annex, 1 4-story, 274 x 337 ft., concrete, brick and steel, rein.-con. flooring, on Murtland Ave. About $1,500,000.

Pa., Pittsburgh—School—Until Sept. 8, by Bd. Educ., building 3 story, 130 x 240 ft., concrete, brick and steel, rein.-con. flooring, on Perrysville Ave. About $400,000. R. M. Trimble, Ferguson Bldg., archt.

Pa., Pittsburgh—School—Until Sept. 8, by Bd. Educ., building 2 story, 77 x 316 ft. and 3 story, 61 x 66 ft., concrete, brick and steel, rein.-con. flooring, on Greenfield Ave. and Alger St. Cost between $300,000 and $400,000. Kiehnel & Elliot, 4th Ave., archts.

Va., Norfolk—Church—Third Christian Church receiving bids building 1 story, 100 x 135 ft., brick and stone. About $150,000. W. H. Nickles, 1900 Euclid Ave., Cleveland, O., archt. Noted July 7.

Miss., McGee—Sanitarium—State of Mississippi, c/o T. C. Link, Jackson, receiving bids building 3 story sanitarium. About $800,000. Link & Trueblood, Chemical Bldg., St. Louis, Mo., archts.

Buildings (Continued)

O., Ravenna—High School—Until Sept. 7, by Bd. Educ., building 3 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation. About $350,000. Former bids rejected. O. D. Howard, 8 East Broad St., Columbus, archt. Noted July 28.

Mich., Detroit—Club House—Until Sept. 20, by G. D. Mason & Co., archts., 508 Griswold St., building 3 story, 80 x 325 ft., rein.-con., brick and steel, on Belle Isle, for Detroit Yacht Club, Belle Isle. About $500,000. Noted May 5.

Mich., Detroit—Temple—Until Sept. 15, by Masonic Temple Assn., c/o F. E. Fisher, secy., building 4 and 6 story, 190 x 350 ft., rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Temple and 2nd Aves. About $4,000,000. G. D. Mason & Co., 508 Griswold St., archts.

Mich., Shelby—High School—Until Sept. 12, by G. L. Runner, secy. Bd. Educ., building 2 story, 90 x 122 ft., rein.-con., brick and steel, concrete foundation. About $150,000. W. S. Holmes Co., Lansing, archts.

Mich., Springwells—Municipal—Village, c/o B. F. Esper, clk., Michigan Ave., receiving bids building 2 story, 56 x 72 ft., with two 40 x 72 ft. wings, rein.-con., brick and stone, rein.-con. flooring, concrete foundation, on Michigan Ave. and Schaffer Rd. About $165,000. M. R. Burrowes, 2631 Woodward Ave., Detroit, archt. A. De Rosiers, 2631 Woodward Ave., Detroit, engr. Noted July 14.

Ill., Champaign — Horticultural — Until Sept. 1, by Illinois State University, and Holabird & Roche, archts., 104 South Michigan Ave., Chicago, building 2 story, rein.-con. and brick. About $200,000. Noted Aug. 18.

Ill., Chicago—Apartment—P. F. Olsen, archt. and owner, 127 North Dearborn St., receiving bids building 3 story, 120 x 125 ft., brick, concrete and stone, on North Clark St. and North Shore Ave. About $175,000.

Ill., Chicago—Apartment — Ronneberg, Pierce & Hauber, archts., 10 South La Salle St., receiving bids building 3 story, 127 x 197 ft., brick and stone, on Irving Park Blvd. and Lowell Ct. About $150,000. W. H. Wallis & Co., 4156 Irving Park Blvd., owner's agents.

Ill., Joliet—Club—Until Sept. 6, by Knights of Columbus, Council 385, 305 North Chicago Ave., and Zimmerman, Saxe & Zimmerman, archts., 64 East Van Buren St., Chicago, for 4 story, 109 x 112 ft., brick, stone, steel and rein.-con. on Webster and Chicago Sts. here. About $225,000. Noted June 16.

Ill., Newton—High School—Until Aug. 30, by F. J. & P. Coen, archts., 105 North Clark St., Chicago, building 2 story, 78 x 125 ft., rein.-con. and brick, for Bd. Educ., c/o J. C. Hicks. About $150,000.

Ill., Oak Park—Hospital—Until Sept. 1, by Holmes & Flinn, archts., 8 South Dearborn St., Chicago, building 5 story, 50 x 100 ft., rein.-con. and brick addition at 506 North Austin Ave., for West Suburban Hospital, c/o E. J. Hockaday, supt., 300 North Clinton Ave. About $150,000. Noted Oct. 28.

Ill., Oak Park—Hotel—H. Raeder, archt., 20 West Jackson Blvd., receiving bids building 8 story, 150 x 170 ft., rein.-con., steel and brick, on Park and Erie Sts., for Oak Park Hotel Co., c/o archt. About $1,500,000.

Wis., Cedar Grove—School—Until Sept. 6, by School Dist. 1, building 2 story, 60 x 125 ft., rein.-con., steel, brick and tile, brick foundation. M. J. Domaster clk. J. G. Chandler, Racine, archt.

Wis., Milwaukee — Apartment — J. Hunholz, 2310 Vliet St., receiving bids building 4 story, 45 x 112 ft., brick and concrete, rein.-con. flooring, plain foundation, on Cedar and 15th Sts. About $150,000. Private plans. Noted June 9.

Tex., Beaumont—Office—Until Aug. 28, by Sanguinet, Staats & Gottlieb, archts. and engrs., 718 Carter Bldg., Houston, building 14 story, brick, steel and stone, for San Jacinto Life Insurance Co. About $1,000,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Chicopee—School—Church of Nativity let contract building 2 story, brick, concrete and steel, on Chicopee St., to F. T. Ley & Co., 499 Main St., Springfield. About $150,000. Noted May 5.

★**Conn., Ansonia**—School—C. H. Pine, Manual School let contract building 2 story, concrete, brick and steel, rein.-con. flooring, on Clifton Ave., to M. A. Durrschmidt, Main St., Derby. About $150,000. Noted Mar. 17.

★**Conn., Bristol** — Bank — Bristol Natl. Bank, 247 Main St., let contract building 3 story, 40 x 108 ft., limestone, brick and steel, on Main St., to F. T. Ley & Co., Inc., 499 Main St., Springfield, Mass. About $150,000. Noted Mar. 3.

★**Conn., Hartford**—Office—Orient Insurance Co., 20 Trinity St., let contract building 5 story, 48 x 98 ft., rein.-con., brick and steel addition, rein.-con. flooring, on Clinton St., to M. Eidlitz & Sons Co., 30 East 42nd St., New York City. About $350,000. Noted June 16.

★**Conn., New Haven**—Laboratory—Yale University let contract building 3 story, brick, stone, steel and concrete, on Prospect St., to Thompson-Starrett Co., 49 Wall St., New York City. About $1,500,000.

★**Conn., Waterbury** — Bank — Colonial Trust Co., 81 West Maine St., let contract for alterations and additions to building on West Maine and Leavenworth Sts., to Griswold Co., 101 Park Ave., New York City. About $150,000.

★**N. Y., Brooklyn**—Apartment—S. Leselbaum, c/o E. M. Adelsohn, archt. and engr., 1778 Pitkin Ave., will build 4 story, 100 x 100 ft., brick, steel and stone, concrete foundation, on Sutter Ave. About $200,000. Work will be done by day labor.

★**N. Y., Brooklyn**—School—Bd. Educ., 500 Park Ave., New York City, let contract building P. S. 183, P. S. 184 and P. S. 186, here, to T. A. Clarke Co., 122 Livingston St., $2,317,000. Noted Aug. 13.

★**N. Y., Long Island City**—High School—C. B. J. Snyder, supt. School Bldgs., Municipal Bldg., New York City, let contract completing and finishing the general construction of addition to and alterations in Bryant High School, on Wilbur Ave. between Academy and Radde Sts., to J. Schlesinger, Inc., 259 West 90th St., New York City, $160,400. Noted Aug. 11.

★**N. Y., New York**—Apartment—Six Ten West 110th St. Corp., 2458 Grand Ave., will build 14 story, 100 x 100 ft., brick, steel and stone, concrete foundation, on Cathedral Parkway near Bway. About $1,000,000. Work will be done by day labor. L. Gerbino, pres. Private plans.

★**N. Y., New York**—Apartment—G. S. Johnson, 30 East 42d St., will build 5 story, 100 x 120 ft., brick, steel and stone, concrete foundation, on East 156th St., Bronx. About $180,000. Work will be done by day labor. C. Kreymborg, 2534 Marion Ave., archt. and engr.

★**N. Y., New York** — Apartment — P. J. Kearns, 2306 Creston Ave., will build 5 story, 90 x 140 ft., brick, steel and stone, concrete foundation, on Walton Ave. and Hawkstone, Bronx. About $250,000. Work will be done by day labor. C. Schaefer, 304 East 150th St., archt. and engr.

★**N. Y., New York**—Apartment—A. Klein, c/o Gronenberg & Leuchtag, archts. and engrs., 303 5th Ave., will build 5 story, brick, steel and stone, concrete foundation, at 610 West 164th St. About $250,000. Work will be done by day labor.

★**N. Y., New York**—Apartment—C. Mark Realty Co., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., will build 5 story, 90 x 116 ft., brick, steel and stone, concrete foundation, on University Ave. and 192d St., Bronx. About $200,000. Work will be done by day labor.

★**N. Y., New York** — Apartment — West 89th St. Realty Corp., c/o G. F. Pelham, archt. and engr., 200 West 72d St., will build 9 story, brick, steel and stone, concrete foundation, at 318 West 89th St. About $300,000. Work will be done by day labor.

★**N. Y. Rochester** — Apartment — E. B. Wolfe & Co., Rector Bldg., Chicago, let contract building superstructure and masonry work of 10 story, 186 x 236 ft., rein.-con., concrete foundation, on East Ave., here, to E. V. Johnson & Co., 20 West Jackson Blvd., Chicago; plumbing work, to Barr & Creelman, 72 Exchange St.; carpentry work, to J. Luther & Sons, 87 Stillson St. Total cost, $2,000,000.

N. Y., Rochester—School—J. M. Tracy, supt. Bd. Educ., received bids for carpentry work and painting 3 story, 47 x 85 ft., rein.-con. and brick, rein.-con. flooring, plain foundation, on Colvin St., from L. J. Held, 206 Arlington Bldg.; heating and ventilating work, from Barr & Creelman, 72 Exchange St.; plumbing work, from A. Alexander Co., 272 State St. Total cost, $250,000.

★**N. Y., Rochester**—Schools—Bd. Educ. let masonry contracts for P. S. 43, 2 story, 132 x 182 ft., on Lyell Ave., to A. Fredericks & Son, 710 Lake Ave., total cost, $293,000; 2 story addition to P. S. 33, on Grand Ave., to Rankin Constr. Co., 195 Hawley St., total cost $150,000; P. S. 1, 2 story, on Hillside Ave., to Gorsline & Swan, 243 Powers Bldg., total cost $248,000. All above rein.-con., brick and steel, concrete foundations. Noted May 5.

★**N. J., Atlantic City**—Bank and Office—Chelsea Natl. Bank, South Carolina and Atlantic Aves., let contract building 4 story, 70 x 100 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on South Carolina Ave., to F. Warren, 132 South 17th St., Phila. About $300,000. Noted June 16.

★**N. J., Princeton**—Art—Princeton University let contract building 3 story, 35 x 166 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, to Matthews Constr. Co., Alexander St. About $350,000.

★**Pa., Phila.**—Bank—Walnut St. Savings & Trust Co., c/o H. C. Hodgens, archt., 130 South 15th St., let contract building 7 story, 18 x 94 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, on Walnut and Juniper Sts., to Pennsylvania Realty & Constr. Co., c/o H. C. Hodgens, 130 South 15th St. About $212,000.

★**Pa., Pittsburgh**—Exchange—Bell Telephone Co., c/o I. H. Kennard, 17 East Arch St., Phila., let contract building 3 story, 62 x 120 ft., rein.-con., brick and steel, rein.-con. flooring concrete foundation, on Highland Ave. and Rural St., to W. T. Grange Constr. Co., Keenan Bldg. About $355,000.

★**Va., Richmond**—Office, etc.—Methodist Episcopal Church South let general contract building 5 story, 50 x 60 x 120 ft., concrete, steel and brick, on 5th and Grace Sts., to Wise Granite Co., Amer. Natl. Bank Bldg. About $185,000.

★**O., Alliance**—Hospital—City let contract building 3 story, brick, steel and concrete addition, to H. J. Conrath, Erie, Pa. About $175,000. Noted July 28.

★**O., Cleveland**—Apartment—L. Feldman, 10309 Barrett Ave., let contract building 3 story, 37 x 165 ft., brick and timber, brick foundation, on East 83d St. and Cleveland Ave., to Cooper & Berkowitz, Linn Dr. About $150,000. Noted June 9.

★**O., Cleveland Heights** (Warrensville P. O.)—School—Bd. Educ., Lee Rd., let contract building 3 story, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, on Taylor Rd., to Hearn Constr. Co., 4500 Euclid Ave., Cleveland, $303,560. Noted Aug. 18.

O., Cleveland — School — Bd. Educ. received bids Aug. 15, building 2 story, 18 room, brick, steel and concrete, rein.-con. flooring, brick and concrete foundation, on East 126th St. and Abell Ave., from Tenbusch-Parker Constr. Co., 1836 Euclid Ave., $124,287; Drummond-Miller Co., 4500 Euclid Ave., $128,930; H. F. Juergens Co., 1450 Clarence Ave., Lakewood, $130,300. Noted July 28.

★**Mich., Northville**—Sanatorium—Detroit Bd. Health, 1415 St. Antoine St., Detroit, let contract building 2 story, concrete, brick and steel addition, concrete foundation, to W. E. Wood Co., 1805 Ford Bldg., Detroit, $163,600. Noted June 16.

★**Mich., Royal Oak**—Schools—Bd. Educ. Dist. 7 let contract building 2 story, rein.-con., brick and steel, concrete foundation, on Berkley Ave., to N. A. Starr, 112 Howarth Bldg. About $150,000. Noted July 28.

★**Mich., Saginaw**—School—West Side Bd. Educ. let general contract building 3 story, 115 x 125 ft., rein.-con., brick and stone, to Spence Bros., Brewer Bldg. About $700,000.

★**Ill., Champaign** — Hospital — Bd. Trustees, c/o F. Isner, chn., let contract building 3 story, 102 x 109 ft., rein.-con., brick and stone addition, to A. W. Stoolman, Woman's Residence Hall, University of Illinois. About $200,000.

★**Ill., Chicago**—Apartment—M. Martin, 153 East Chicago Ave., let contract for 3 story, 75 x 177½ ft., brick, stone and concrete, at 216 East Pearson St., to McLennan Constr. Co., 3105 Calumet Ave., $205,000.

Buildings (Continued)

★Ill., **Chicago**—Ballroom—Lambert Tree Estate, 138 North La Salle St., let contract building 1 story, 125 x 160 ft., brick and stone, on Madison and Hamlin Sts., to L. Balin Constr. Co., 528 South Clark St. About $300,000.

★Ill., **Chicago**—Bath House—H. Kaplan, 2607 West Walton Pl., let contract building 2 story, 164.4 x 532 ft., brick and stone, at 2039 West North Ave., to Gamm Bros. Constr. Co., 133 West Washington St., $175,000.

★Ill. **Chicago**—Hotel—E. Rosing, 133 West Washington St., let contract building 12 story, 120 x 124 ft., rein.-con., brick, stone and steel, on Diversey and Pine Sts., to J. Stutt, 2625 Eastwood Ave. About $1,500,000.

★Ia., **Le Mars**—Hospital—Sacred Heart Hosptal Assn. let contract building 4 story, 105 x 172 ft., rein.-con., brick and stone, to Riesche & Sanborn, 514 Jackson St., Sioux City, $202,000. Noted Aug. 11.

★**Kan., Abilene**—Hospital—Dickinson Co. Memorial Hospital let contract building 3 story, 38 x 119 ft., to J. Gosling, Ry. Exch. Bldg., Kansas City, Mo. About $150,000. Noted July 21.

★**Kan., Topeka**—Dormitory—State Industrial School for Boys, c/o J. A. Kimball, mgr., let contract building 2 story, 56 x 200 ft., brick, stone and rein.-con., to G. Senne, 518 Kansas Ave. About $150,000.

Neb., Omaha — High School — Bd. Educ. opened bids July 28, building 4 story, 210 x 240 ft., rein.-con. and stone, on Burt and Cunnings Sts., from F. P. Gould & Sons, City Natl. Bank Bldg., $2,297,000; Fleischer Constr. Co., Builders Exch., Minneapolis, Minn., $2,300,000; J. Black Constr. Co., 36th and Harbey Sts., $2,300,000. Noted July 14.

★**Mo., Kansas City**—Office—E. T. Platt, Stock Exch. Bldg., let contract building 5 story, 50 x 110 ft., at 1423 Baltimore St., to Mosby-Goodrich Constr. Co., New York Life Bldg. About $175,000.

★**Tex., Denton** — Music Hall — State let general contract building 1 story, 116 x 150 ft., concrete and brick, at College of Industrial Arts, to Central Contg. Co., 408 Slaughter Bldg., Dallas, about $140,500; wiring, to Martin-Wright Elec. Co., 308 East Houston St., San Antonio; heating and plumbing, to Universal Heating Co., Dallas. Total cost about $165,000.

★**Tex., Houston** — B. Zindlers Sons let contract building 4 story, brick, terra cotta and concrete, on Congress and Fannin Sts., to Central Contg. Co., 408 Slaughter Bldg. About $200,000.

★**Tex., Kerrville**—Hospital—State let contract constructing 1st unit, including administration building, 2 ward buildings, superintendent's home, dormitory and warehouse, to Walsh & Burnes, 302 Calcaisieu Bldg., San Antonio, about $2,000,000. Noted July 28.

★**Tex., San Antonio**—Bank—Frost Natl Bank, East Military Plaza, let contract building 12 story ("L" shape), rein.-con., to J. Haynes, Moore Bldg., San Antonio, about $900,000. Noted July 28.

★**Wash., Seattle** — Store — Grunbaum Bros., 5th and Pike Sts., let contract building 4 story, 120 x 180 ft., rein.-con. and steel, on 6th and Pine Sts., to Sound Constr. Co., Lowman Bldg., about $350,000.

★**Que., Montreal**—Hotel—Mount Royal Hotel Co., St. Catherine St. W., let contract building 10 story, 130 x 230 x 310 ft. concrete, brick and steel on Peek St., to Thompson & Starrett Co., 51 Wall St., New York City. About $6,500,000.

★**Que., Montreal**—Medical—McGill College, Sherbrooke St., let contract building 6 story, 65 x 72 x 175 ft., on Milton St., to E. G. M. Cape & Co., 10 Cathcart St. Cost between $350,000 and $400,000.

★**Que., Montreal**—School—Protestant Bd. School Comrs., University St., let contract building 2 story, 110 x 159 ft. concrete, brick and stone, on Wolsley St., to D. G. Loomis & Co., 211 McGill. St. About $100,000.

★**Ont., Toronto**—College—University of Toronto, Queens Park, let contracts building 4 story, 65 x 225 ft., rein.-con., brick or stone, rein.-con. flooring, concrete foundation, carpentry to J. C. Scott, 206 River St.; masonry to H. N. Dancy & Son, 22 College St. Total cost about $300,000. Noted July 21.

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Every report sent in by a correspondent gives the source of his information, and as much detail as may be available. If in the opinion of our office force there is the slightest question as to authenticity, or if essential details are omitted, the report is returned with a notation on the back of it. We are in continual communication with our correspondents, and they are imbued with the spirit of

our two watchwords—accuracy and timeliness

When an important item of business information is both accurate and timely it has another quality which embraces the two just named, and it is this third and comprehensive quality which we aim to achieve in these pages—

Usefulness

Federal Government Work

PROPOSED WORK

R. I., Newport—Refrigerating Equipment—Spec. 4499—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon receives bids installing, here.

N. J., Camden—Dredging—U. S. Engineer, 815 Witherspoon Bldg., Phila., Pa., rejected bids opened June 28, dredging Delaware River, here. Noted July 7.

D. C., Wash.—Dispensary—Spec. 4486——Bureau Yards & Docks, Navy Dept., soon receives bids constructing, here. Noted June 30.

Va., Yorktown—Cranes—Spec. 4509—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to purchase 10-ton hand operated overhead cranes.

Va., Yorktown—Power House, etc.—Spec. 4498—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon receives bids constructing power house, dispensary, reservoir, and railroad siding, here. Noted Aug. 4.

Va., Yorktown—Power Plant Equipment—Spec. 4508—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to purchase and install, here.

W. Va., Wheeling—Double Houses—U. S. Engineer rejected bids opened July 27, building at Dams 14 and 26, Ohio River. Noted July 7.

Kan., Leavenworth—Power Plant Improvements—U. S. Government, Wash., D. C., plans to construct new building at Federal Penitentiary, here, about $30,000, also purchase and install engines, to cost $15,000 and boilers, $100,000. W. I. Biddle, warden.

Ariz., Whipple Barracks—Hospital—Treas. Dept. Wash., D. C., plans to construct, here. J. W. Wetmore, acting supervy. archt.

BIDS DESIRED

R. I., Newport—Waterproofing Walls, etc.—Until Sept. 6, by Treas. Dept., Wash., D. C., waterproofing exterior walls, cornices, etc., U. S. Post Office and Custom House, here. J. A. Wetmore, supervy. archt.

N. J., Lake Denmark—Power Plant Improvements, etc.—Spec. 4501—Until Aug. 31, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving power plant and fire protection system, here. Noted Aug. 4.

Va., Norfolk—Quay Wall—Spec. 4491—Until Aug. 31, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing section, at Navy Yard, here. C. W. Parks, ch. Bureau.

N. C., Greensboro—Alterations to Post Office—Until Sept. 6, by Treas. Dept., Wash., D. C., altering basement, first, second and third floors, in U. S. Post Office, here. J. A. Wetmore, acting supervy. archt.

La., Alexandria—Refrigerating Plant—Until Sept. 6, by Treas. Dept., Wash., D. C., constructing in kitchen and mess building, U. S. Public Health Serv. Hospital 27, here. J. A. Wetmore, acting supervy. archt.

Ind., Muncie—Alterations to Post Office—Until Sept. 1, by Treas. Dept., Wash., D. C., altering U. S. Post Office, here. J. A. Wetmore, acting supervy. archt.

Mich., Detroit—Dredging, etc—Until Sept. 19, by U. S. Engineer Office, for dredging and rock excavation in Livingston's Channel, Detroit River.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

★R. I., Providence—Removing Boulders—U. S. Engineer let contract removing boulders, at Point Judith Harbor of Refuge, to J. S. Packard Dredging Co., 1004 Turks Head Bldg., $22,620. Noted July 7.

N. Y., Buffalo—Dredging—U. S. Engineer, Federal Bldg., received bids dredging in Black Rock Channel at foot of Georgia St., here, from Dunbar & Sullivan, Dime Bank Bldg., Detroit, Mich., $374,565; Amer. Constr. Co. Marion Bldg., Cleveland, O., $375,564; Great Lakes Dredge & Dock Co., Morgan Bldg., $414,170. Noted July 21.

★N. Y., New York—Removal of Wreck—U. S. Engineer, 1st Dist., Room 710, Army Bldg., 39 Whitehall St., let contract removing wreck of Steamer Port Phillip, to Sloan Danahower & Co., New York City, $71,717.

★Del., Wilmington—Dredging—U. S. Engineer let contract dredging Smyrna River, here, to Delaware Dredging Co., Colonial Trust Bldg., Phila., $9,930. Noted July 21.

D. C., Bellvue—Chimney—Spec. 4483—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids constructing, here, (1) work complete, from Weber Chimney Co., 1452 McCormick Bldg., Chicago, $4,250 (100 days); Rust Eng. Co., 1406 G St., N. W., Wash., D. C., (1) $5,895 (75 days), alternate $4,935 (using rein.-con.), $5,640 (red brick); Amer. Chimney Corp., 147 4th Ave., New York City, (1) $6,745 (45 days). Noted Aug. 4.

Va., Norfolk—Hospital—Treas. Dept., Wash., D. C., received bids constructing at U. S. Public Health Service Hospital, here, from North Eastern Constr. Co., 101 Park Ave., New York City, $318,936; Charlottesville Lumber Co., Charlottesville, $319,360; Gooch-Williams Co., Norfolk, $324,946. Noted Aug. 4.

Va., Norfolk—Mechanical Equipment—Treas. Dept., Wash., D. C., received bids furnishing for U. S. Public Health Serv. Hospital, here, from J. R. Proctor, Inc., 120 Liberty St., New York City, $189,000; G. E. Eng. Co., 449 West 42d St., New York City, $194,900; Federal Heating Co., 310 13th St., N. W., Wash., D. C., $206,599. Noted Aug. 4.

Va., Quantico—Elevated Water Tanks—Spec. 4506—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids constructing at Marine Barracks, here, from Pittsburgh-Des Moines Steel Co., Munsey Bldg., Wash., D. C., $7,200 (120 days); R. J. Mansfield, 135 William St., New York City, $8,997 (120 days); Chicago Bridge & Iron Co., 30 Church St., New York City, $9,800 (120 days).

★Va., Yorktown—Water and Sewerage Systems—Spec. 4449—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing at Navy Mine Depot, here, to B. Pizzimento, 2555 Rhode Island Ave., N. E., Hyattsville, Md., $87,260. Noted Aug. 18.

★Va., Yorktown—Water Tanks and Towers—Spec. 4357—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing, at Naval Mine Depot, here, to Pittsburgh-Des Moines Steel Co., 959 Munsey Bldg., Wash., D. C., $14,970 (120 days). Noted Aug. 18.

★La., New Orleans—Levee Work—Mississippi River Comn., 4th Dist., let contract constructing Palmyra Levee, to J. W. Noble, Fayette, Miss., $9,010.

★Tenn., Nashville—Warehouse—U. S. Engr. let contract constructing brick and fabricated steel warehouse, on Cumberland River, to G. B. Howard & Co., 148-B 4th Ave., N., $11,989. Noted June 3.

Ill., Chicago—Deep Wells—Treas. Dept., Wash., D. C., received bids constructing 2 deep wells at Broadview Hospital, here, from J. P. Miller Artesian Well Co., 428 Orleans St., $75,800 (300 days); F. M. Gray, Jr. Co., 175 West Jackson Blvd., $79,500 (365 days); W. H. Cater Contg. Co., 2643 West Monroe St., $90,000 (150 days).

Miscellaneous

PROPOSED WORK

Transmission Line—Niagara Falls, N. Y.—Niagara Falls Power Co., Canal Basin, plans to build 18 mi. transmission line, including hydraulic tunnel and cable installation under streets. Abou $11,000,000. J. L. Harper, Canal Basin, ch. engr.

Electric Lights, etc.—North Bergen, N. J.—Hudson Co., (Jersey City) had plans prepared placing clusters of lights along "island" in Hudson Blvd. between Fisher Ave. and Bergen Co. line. About $30,000. F. J. Radigan, Court House, Jersey City, engr.

Grain Elevator—Louisiana, Mo.—Louisiana Elevator Co., c/o J. W. Rule, plans to build grain elevator, concrete, with 25 bu. capacity. About $25,000. Engineer not selected.

Track Sheds, etc.—St. Joseph, Mo—Chicago, Burlington & Quincy R.R., 547 West Jackson St., Chicago, having plans prepared for pit track shed, 170 ft. high, 36 x 91 ft. work house, 47 x 61 ft. pit track shed, one 5,000 bu. capacity dryer and one 100,000 bu. capacity dryer, here. About $200,000. Burrell Eng. Co., 327 La Salle St., Chicago, engrs.

Power Development — Timmins, Ont.—Dept. Pub. Wks., Ottawa, soon receives bids for 10,000 h.p. hydroelectric development in Fort Matachawan Dist. About $500,000. E. D. Laflaur, c/o Dept. Pub. Wks., engr.

BIDS DESIRED

Heating and Ventilating Apparatus, etc.—Newtown (Flushing P. O.), N. Y.—Until Sept. 2, by R. W. Rodman, supt. Plant Operation of School Buildings of Bd. Educ., Municipal Bldg., New York City, installing heating and ventilating apparatus in Newtown High School, on Etna Pl., Gerry Ave., Chicago and Parcell Sts., here.

Culverts—Salem, N. J.—Until Sept. 7, by Salem Co., building 3 box culverts on road from Shirley to Mullica Hill (Route 6, Sect. 5, State Highway System). H. B. Keasbey, co. engr.; advertised in this issue.

Bituminous Dressing—Trenton, N. J.—Until Aug. 30 by Bd. Freeholders Mercer Co., Court House, furnishing 50,000 gal. bituminous dressing for Robbinsville-Allentown Rd. About $10,000. H. F. Harris, Court House, engr. Noted Aug. 11.

Breakwater—Racine, Wis.—Until Aug. 30, by H. Basinger, Racine Co. clk., building, 2,100 lin. ft. pile and timber breakwater along Lake Michigan in Mt. Pleasant Twp., for Lake Shore Protection Com., City Hall, Kenosha. About $35,000.

Incinerators—Houston, Tex.—Until Sept. 1, at office of City Secretary, constructing 2 garbage incinerators. E. E. Sands, city engr.

Vitr. Segment Sewer Block, etc.—Ottawa, Ont.—Until Aug. 30, by A. F. McCallum, comr. Pub. Wks., furnishing vitr. segment sewer block and rein.-con. pipe to lay 3,345 lin.ft. 36-42 in. sewers.

PRICES AND CONTRACTS AWARDED

(★Indicates contract awarded)

★Asphalt Road Oil, etc.—Brooklyn, N. Y.—E. Riegelmann, boro pres., Boro Hall, let contract furnishing and delivering 100,000 gal. asphalt road oil, to Standard Oil Co., 26 Bdway., New York City, $5,040; 129,300 ft. B. M. lumber, to East River Mill & Lumber Co., 92nd St. and East River, $6,198; manhole head and covers, to Campbell Fdry. Co., 313 Manor Ave., Harrison, N. J., $2,932. Noted July 28.

Road Oil—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, 58 Hunterspoint Ave., opened bids Aug. 16, furnish- and delivering 100,000 gal. road oil (for cold use) to Bureau of Highways, from Texas Co., 17 Battery Pl., New York City, $0.0525 per gal., total cost $5,250; Standard Oil Co. of New York, 26 Bway., New York City, $0.05 6/10, $5,600.

★Bituminous Material—New York, N. Y.—H. H. Curran, pres. Manhattan Boro, let contract furnishing and applying 10,000 gal. bituminous material to surface Riverside Dr. from 158th to Dyckman Sts., to Barrett Co., 17 Battery Pl., $1,450. Noted July 7.

★Pier and Platforms—New York, N. Y.—M. Hulbert, comr. Docks, Pier "A," foot of Battery Pl., North River, let contract building pier and platforms on outshore portion of Brooklyn Bridge Impvt., Boro. of Manhattan, Contr. 1694, to G. B. Spearin, Inc., 90 West St., $322,236. Noted July 21.

Station Finish—New York, N. Y.—Transit Comn. opened bids Aug. 16, for station finish work for part of 14th St—Eastern Rapid Transit R. R., from A. W. King, 81 East 125th St., $240,256; D. C. Serber, 1123 Bway., $240,400; N. Dresser, $251,836.

Test Borings — Phila., Pa.—Delaware River Joint Bridge Comn., Weidner Bldg., opened bids making test borings for proposed bridge over Delaware River, (a) sinking casing on land, (b) sinking casing in river, (c) core boring on land, (d) core boring in river (e) dry samples as ordered from Penn. Drilling Co., 1812 West Carson St., Pittsburgh, (a) $3 per lin. ft., (b) $5.50, (c) $4, (d) $5.50, (e) $2; Ridpath & Potter Co. 22nd and Cambria Sts., (a) $4, (b) $5.50, (c) $6.50, (d) $7.50, (e) $5; Sprague & Henwood, Phila., (a) $4, (b) $7, (c) $5, (d) $8, (e) $1.50. Noted July 28.

★Swimming Pool—Huntington, W. Va.—State Bd. Control, Charleston, let contract constructing 2 swimming pools, heating and lighting new gymnasium at Marshall College, here, to F. C. Welch & Co., Clarksburg, $29,986.

★Crane—Detroit, Mich.—Dept. Pub Wks. let contract furnishing one 6 ton electric traveling crane with 52 h.p. motor, 2 yd. clamshell bucket, to Northern Eng. Wks., 210 Chene St. About $10,700. Noted July 14.

★Lighting Conduits—Detroit, Mich.—Pub. Lighting Comn., Atwater St., let contract furnishing and installing lighting conduits for public lighting system on various streets, to A. J. Penote Co., 424 Victoria Bldg., $268,134.